



**When you level with someone...  
level with us!**

- Leveling Mounts
- Furniture Glides
- Ball & Spring Plungers
- Hand Retractable Plungers
- Knobs
- Tooling Components
- Thread Checkers



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## You Mean the World to S&W Manufacturing Company

As a customer of S&W Manufacturing Company, you are the most important component of our business. For more than thirty years, we have been working to meet your needs and your goals. We have upgraded our machinery and expanded our product lines. We have grown our business as yours grows. We have maintained profitability, sometimes in tight economies, and carefully watched the prices of raw materials, in order to continue to serve you with the best quality, the most competitive pricing, and the quickest turn-around time our industry can deliver.

For being our cherished customer, we thank you. You mean the world to us, and because of that you can count on S&W to treat every order, every request, every phone call, as the most important part of our day. Thank you for considering S&W Manufacturing as a member of your business family.

Our pledge is to serve you to complete satisfaction!



William J. Burr President/CEO

## About This Catalog

In this catalog, you will find the S&W's standard products you have come to rely upon along with many new ones.



Leveling Mounts



Ball & Spring Plungers



Knobs

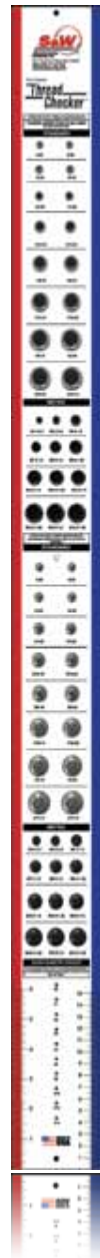


Threaded Tube Ends



Press Fit Spring Plungers

Wall Mounted Thread Checker



We have also added some new materials and variations for the products you know and trust. Most of our products are now available with standard or ACME threads. Leveling mounts can be ordered with 316 stainless steel for tough environments. Newly added machinery has given S&W the capability to produce components with even more precision than before, faster, and with less cost, helping you to meet your quality requirements.

## Custom

While most of the products you need on a daily basis are in-stock, ready-to-ship, S&W also makes custom products, specified by you. Our technicians will work with your engineers to deliver exactly what you need, when you need it. Our sample turn-around time is usually less than 1 week on most products. Your custom order can be out the door in three weeks or less, in most cases.

## Thank You

While we strive to produce the most comprehensive catalog possible, new products and services are being added daily. Please visit our website to see the latest updates. And, thank you for your business! For more than thirty years, we have valued your friendship and our business relationship. We look forward to another thirty years of mutual success, smart growth, and profitability. To get the conversation started, give us a call, or shoot us an email: We'll be glad to be of continued service to you.

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## Levelers

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## Level-It™ Leveling Mounts

Manufactured in a variety of configurations, materials and finishes, Level-It™ mounts are suitable for thousands of light, medium, and heavy-duty applications. They are available in stud or tapped versions with steel, stainless steel or FDA-friendly Delrin® bases. Our standard mounts swivel 15° in all directions to give users optimum performance on uneven surfaces. One-piece studs are threaded from solid hex stock for maximum strength and durability.

For applications requiring a non-swivel base, the C-series mounts have the same configurations as our standard Level-It™ but are non-swivel.



Also available is S&W's exclusive SocketLock™ technology that locks the stud into the socket of the base to prevent pullout under extreme conditions.

### Specifications:

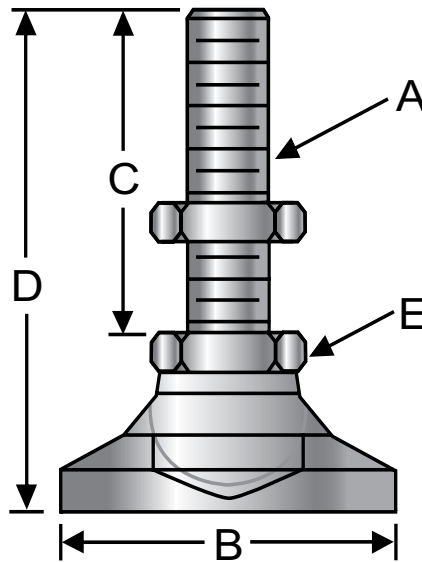
- Low carbon steel with yellow zinc plating or 303 stainless steel
- One-piece machined stud
- Inch and metric sizes
- Mounts with studs furnished with jam nut
- Customize any base or stud

### Standard Options:

- Clear zinc, nickel plating or black oxide finish
- Non-skid elastomer pad
- Delrin® base
- Lag hole
- SocketLock™

# Level-It™

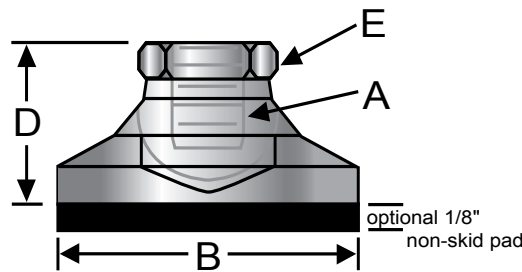
Our most popular leveler, Level-It™ has a steel or Delrin® base and a machined one-piece steel stud. The steel base and stud are available in steel with gold or clear zinc plating, black oxide, nickel, or in stainless steel.



## Level-It™ Stud Style, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BSW-00	SSW-00	SSW-00-316	10-32	3/4	1	1 1/2	3/8	700	0.04
BSW-00A	SSW-00A	SSW-00A-316	10-32	3/4	2	2 1/2	3/8	700	0.04
BSW-0	SSW-0	SSW-0-316	1/4-20	1	1 1/4	1 15/16	1/2	1000	0.10
BSW-0A	SSW-0A	SSW-0A-316	1/4-20	1	2 1/2	3 3/16	1/2	1000	0.12
BSW-0B	SSW-0B	SSW-0B-316	1/4-28	1	1 1/4	1 15/16	1/2	775	0.12
BSW-100	SSW-100	SSW-100-316	5/16-18	1 1/4	2	2 7/8	5/8	2500	0.22
BSW-100A	SSW-100A	SSW-100A-316	5/16-18	1 1/4	4	4 7/8	5/8	2500	0.26
BSW-1	SSW-1	SSW-1-316	3/8-16	1 1/4	2	2 7/8	5/8	3750	0.22
BSW-1A	SSW-1A	SSW-1A-316	3/8-16	1 1/4	4	4 7/8	5/8	3750	0.26
BSW-1B	SSW-1B	SSW-1B-316	3/8-24	1 1/4	2	2 7/8	5/8	3300	0.20
BSW-2	SSW-2	SSW-2-316	1/2-13	1 7/8	2	3 1/8	3/4	5000	0.48
BSW-2A	SSW-2A	SSW-2A-316	1/2-13	1 7/8	4	5 1/8	3/4	5000	0.58
BSW-2B	SSW-2B	SSW-2B-316	1/2-20	1 7/8	2	3 1/8	3/4	4000	0.50
BSW-3	SSW-3	SSW-3-316	5/8-11	2 1/2	2	3 1/4	7/8	6000	1.06
BSW-3A	SSW-3A	SSW-3A-316	5/8-11	2 1/2	4	5 1/4	7/8	6000	1.12
BSW-3B	SSW-3B	SSW-3B-316	5/8-18	2 1/2	2	3 1/4	7/8	5000	1.06
BSW-4	SSW-4	SSW-4-316	3/4-10	3	2	3 1/2	1 1/16	7400	1.70
BSW-4A	SSW-4A	SSW-4A-316	3/4-10	3	4	5 1/2	1 1/16	7400	1.90
BSW-4B	SSW-4B	SSW-4B-316	3/4-16	3	2	3 1/2	1 1/16	6200	1.14
BSW-5	SSW-5	SSW-5-316	1-8	4	3 1/2	5 3/8	1 3/8	20000	3.54
BSW-5EL	SSW-5EL	SSW-5EL-316	1-8	4	4 1/4	6 1/8	1 3/8	20000	3.70
BSW-5A	SSW-5A	SSW-5A-316	1-8	4	6	7 7/8	1 3/8	20000	4.04
BSW-5G	SSW-5G	SSW-5G-316	1-8	4	8	9 7/8	1 3/8	20000	4.54
BSW-5B	SSW-5B	SSW-5B-316	1-12	4	3 1/2	5 3/8	1 3/8	18000	3.50
BSW-5C	SSW-5C	SSW-5C-316	7/8-9	4	4	5 7/8	1 3/8	15000	3.32
BSW-5D	SSW-5D	SSW-5D-316	7/8-14	4	4	5 7/8	1 3/8	13500	3.40
BSW-6	SSW-6	SSW-6-316	1 1/4-7	6	4	6 3/4	1 7/8	43000	10.40
BSW-6EL	SSW-6EL	SSW-6EL-316	1 1/4-7	6	6	8 3/4	1 7/8	43000	10.91

# Level-It™



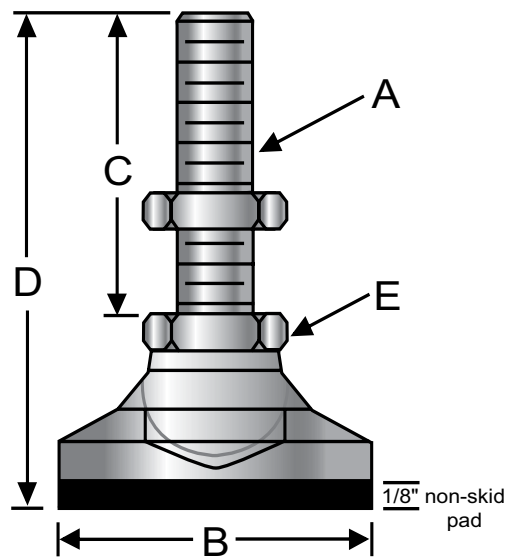
## Level-It™ Tapped Style, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
TSW-00	STS-00	STS-00-316	10-32	3/4	1/2	3/8	700	0.02
TSW-0	STS-0	STS-0-316	1/4-20	1	11/16	1/2	1000	0.08
TSW-0A	STS-0A	STS-0A-316	1/4-28	1	11/16	1/2	775	0.08
TSW-100	STS-100	STS-100-316	5/16-18	1 1/4	7/8	5/8	2500	0.12
TSW-101	STS-101	STS-101-316	5/16-24	1 1/4	7/8	5/8	2150	0.12
TSW-1	STS-1	STS-1-316	3/8-16	1 1/4	7/8	5/8	3750	0.14
TSW-1A	STS-1A	STS-1A-316	3/8-24	1 1/4	7/8	5/8	3300	0.14
TSW-2	STS-2	STS-2-316	1/2-13	1 7/8	1 1/8	3/4	5000	0.34
TSW-2A	STS-2A	STS-2A-316	1/2-20	1 7/8	1 1/8	3/4	4000	0.34
TSW-3	STS-3	STS-3-316	5/8-11	2 1/2	1 1/4	7/8	6000	0.78
TSW-3A	STS-3A	STS-3A-316	5/8-18	2 1/2	1 1/4	7/8	5000	0.78
TSW-4	STS-4	STS-4-316	3/4-10	3	1 1/2	1 1/16	7400	1.30
TSW-4A	STS-4A	STS-4A-316	3/4-16	3	1 1/2	1 1/16	6200	1.30
TSW-5	STS-5	STS-5-316	1-8	4	1 7/8	1 3/8	20000	2.48
TSW-5A	STS-5A	STS-5A-316	7/8-14	4	1 7/8	1 3/8	13500	2.42
TSW-5B	STS-5B	STS-5B-316	7/8-9	4	1 7/8	1 3/8	15000	2.42
TSW-5C	STS-5C	STS-5C-316	1-12	4	1 7/8	1 3/8	18000	2.48
TSW-6	STS-6	STS-6-316	1 1/4-7	6	2 3/4	1 7/8	43000	5.38

## Level-It™ Tapped Style, Non-skid, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
NTS-00	NSTS-00	NSTS-00-316	10-32	3/4	5/8	3/8	525	0.02
NTS-0	NSTS-0	NSTS-0-316	1/4-20	1	13/16	1/2	750	0.08
NTS-0A	NSTS-0A	NSTS-0A-316	1/4-28	1	13/16	1/2	580	0.08
NTS-100	NSTS-100	NSTS-100-316	5/16-18	1 1/4	1	5/8	1875	0.12
NTS-101	NSTS-101	NSTS-101-316	5/16-24	1 1/4	1	5/8	1600	0.12
NTS-1	NSTS-1	NSTS-1-316	3/8-16	1 1/4	1	5/8	2800	0.14
NTS-1A	NSTS-1A	NSTS-1A-316	3/8-24	1 1/4	1	5/8	2475	0.14
NTS-2	NSTS-2	NSTS-2-316	1/2-13	1 7/8	1 1/4	3/4	3750	0.35
NTS-2A	NSTS-2A	NSTS-2A-316	1/2-20	1 7/8	1 1/4	3/4	3000	0.35
NTS-3	NSTS-3	NSTS-3-316	5/8-11	2 1/2	1 3/8	7/8	4500	0.80
NTS-3A	NSTS-3A	NSTS-3A-316	5/8-18	2 1/2	1 3/8	7/8	3750	0.80
NTS-4	NSTS-4	NSTS-4-316	3/4-10	3	1 5/8	1 1/16	5550	1.34
NTS-4A	NSTS-4A	NSTS-4A-316	3/4-16	3	1 5/8	1 1/16	4650	1.34
NTS-5	NSTS-5	NSTS-5-316	1-8	4	2	1 3/8	15000	2.58
NTS-5A	NSTS-5A	NSTS-5A-316	7/8-14	4	2	1 3/8	10125	2.52
NTS-5B	NSTS-5B	NSTS-5B-316	7/8-9	4	2	1 3/8	11250	2.52
NTS-5C	NSTS-5C	NSTS-5C-316	1-12	4	2	1 3/8	13500	2.58
NTS-6	NSTS-6	NSTS-6-316	1 1/4-7	6	2 7/8	1 7/8	32250	5.59

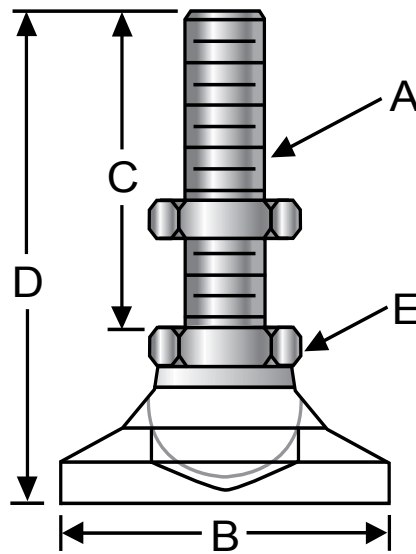
# Level-It™



## Level-It™ Stud Style, Non-skid, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
NSW-00	NSSW-00	NSSW-00-316	10-32	3/4	1	1 5/8	3/8	525	0.04
NSW-00A	NSSW-00A	NSSW-00A-316	10-32	3/4	2	2 5/8	3/8	525	0.04
NSW-0	NSSW-0	NSSW-0-316	1/4-20	1	1 1/4	2 1/16	1/2	750	0.10
NSW-0A	NSSW-0A	NSSW-0A-316	1/4-20	1	2 1/2	3 5/16	1/2	750	0.12
NSW-0B	NSSW-0B	NSSW-0B-316	1/4-28	1	1 1/4	2 1/16	1/2	580	0.12
NSW-100	NSSW-100	NSSW-100-316	5/16-18	1 1/4	2	3	5/8	1875	0.10
NSW-100A	NSSW-100A	NSSW-100A-316	5/16-18	1 1/4	4	5	5/8	1875	0.12
NSW-1	NSSW-1	NSSW-1-316	3/8-16	1 1/4	2	3	5/8	2800	0.22
NSW-1A	NSSW-1A	NSSW-1A-316	3/8-16	1 1/4	4	5	5/8	2800	0.26
NSW-1B	NSSW-1B	NSSW-1B-316	3/8-24	1 1/4	2	3	5/8	2475	0.20
NSW-2	NSSW-2	NSSW-2-316	1/2-13	1 7/8	2	3 1/4	3/4	3750	0.49
NSW-2A	NSSW-2A	NSSW-2A-316	1/2-13	1 7/8	4	5 1/4	3/4	3750	0.59
NSW-2B	NSSW-2B	NSSW-2B-316	1/2-20	1 7/8	2	3 1/4	3/4	3000	0.51
NSW-3	NSSW-3	NSSW-3-316	5/8-11	2 1/2	2	3 3/8	7/8	4500	1.08
NSW-3A	NSSW-3A	NSSW-3A-316	5/8-11	2 1/2	4	5 3/8	7/8	4500	1.14
NSW-3B	NSSW-3B	NSSW-3B-316	5/8-18	2 1/2	2	3 3/8	7/8	3750	1.08
NSW-4	NSSW-4	NSSW-4-316	3/4-10	3	2	3 5/8	1 1/16	5550	1.74
NSW-4A	NSSW-4A	NSSW-4A-316	3/4-10	3	4	5 5/8	1 1/16	5550	1.94
NSW-4B	NSSW-4B	NSSW-4B-316	3/4-16	3	2	3 5/8	1 1/16	4650	1.18
NSW-5	NSSW-5	NSSW-5-316	1-8	4	3 1/2	5 1/2	1 3/8	15000	3.64
NSW-5EL	NSSW-5EL	NSSW-5EL-316	1-8	4	4 1/4	6 1/4	1 3/8	15000	3.80
NSW-5A	NSSW-5A	NSSW-5A-316	1-8	4	6	8	1 3/8	15000	4.14
NSW-5G	NSSW-5G	NSSW-5G-316	1-8	4	8	10	1 3/8	15000	4.55
NSW-5B	NSSW-5B	NSSW-5B-316	1-12	4	3 1/2	5 1/2	1 3/8	13500	3.60
NSW-5C	NSSW-5C	NSSW-5C-316	7/8-9	4	4	6	1 3/8	11250	3.42
NSW-5D	NSSW-5D	NSSW-5D-316	7/8-14	4	4	6	1 3/8	10125	3.50
NSW-6	NSSW-6	NSSW-6-316	1 1/4-7	6	4	6 7/8	1 7/8	32250	10.61
NSW-6EL	NSSW-6EL	NSSW-6EL-316	1 1/4-7	6	6	8 7/8	1 7/8	32250	11.12

# Level-It™



## Delrin® Stud Style, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
SWD-00	SSWD-00	SSWD-00-316	10-32	3/4	1	1 1/2	3/8	150	0.02
SWD-00A	SSWD-00A	SSWD-00A-316	10-32	3/4	2	2 1/2	3/8	150	0.02
SWD-0	SSWD-0	SSWD-0-316	1/4-20	1	1 1/4	1 15/16	1/2	200	0.06
SWD-0A	SSWD-0A	SSWD-0A-316	1/4-20	1	2 1/2	3 3/16	1/2	200	0.08
SWD-0B	SSWD-0B	SSWD-0B-316	1/4-28	1	1 1/4	1 15/16	1/2	200	0.06
SWD-100	SSWD-100	SSWD-100-316	5/16-18	1 1/4	2	2 7/8	5/8	250	0.06
SWD-100A	SSWD-100A	SSWD-100A-316	5/16-18	1 1/4	4	4 7/8	5/8	250	0.08
SWD-1	SSWD-1	SSWD-1-316	3/8-16	1 1/4	2	2 7/8	5/8	300	0.12
SWD-1A	SSWD-1A	SSWD-1A-316	3/8-16	1 1/4	4	4 7/8	5/8	300	0.18
SWD-1B	SSWD-1B	SSWD-1B-316	3/8-24	1 1/4	2	2 7/8	5/8	250	0.12
SWD-2	SSWD-2	SSWD-2-316	1/2-13	1 7/8	2	3 1/8	3/4	700	0.24
SWD-2A	SSWD-2A	SSWD-2A-316	1/2-13	1 7/8	4	5 1/8	3/4	700	0.34
SWD-2B	SSWD-2B	SSWD-2B-316	1/2-20	1 7/8	2	3 1/8	3/4	625	0.24
SWD-3	SSWD-3	SSWD-3-316	5/8-11	2 1/2	2	3 1/4	7/8	1200	0.40
SWD-3A	SSWD-3A	SSWD-3A-316	5/8-11	2 1/2	4	5 1/4	7/8	1200	0.50
SWD-3B	SSWD-3B	SSWD-3B-316	5/8-18	2 1/2	2	3 1/4	7/8	1100	0.40
SWD-4	SSWD-4	SSWD-4-316	3/4-10	3	2	3 1/2	1 1/16	1800	0.72
SWD-4A	SSWD-4A	SSWD-4A-316	3/4-10	3	4	5 1/2	1 1/16	1800	0.92
SWD-4B	SSWD-4B	SSWD-4B-316	3/4-16	3	2	3 1/2	1 1/16	1650	0.72
SWD-5	SSWD-5	SSWD-5-316	1-8	4	3 1/2	5 3/8	1 3/8	2400	1.70
SWD-5EL	SSWD-5EL	SSWD-5EL-316	1-8	4	4 1/4	6 1/8	1 3/8	2400	1.86
SWD-5A	SSWD-5A	SSWD-5A-316	1-8	4	6	7 7/8	1 3/8	2400	2.20
SWD-5B	SSWD-5B	SSWD-5B-316	1-12	4	3 1/2	5 3/8	1 3/8	2250	1.70
SWD-5C	SSWD-5C	SSWD-5C-316	7/8-9	4	4	5 7/8	1 3/8	1700	1.38
SWD-5D	SSWD-5D	SSWD-5D-316	7/8-14	4	4	5 7/8	1 3/8	1950	1.58
SWD-5G	SSWD-5G	SSWD-5G-316	1-8	4	8	9 7/8	1 3/8	2400	2.45
SWD-6	SSWD-6	SSWD-6-316	1 1/4-7	6	4	6 3/4	1 7/8	3600	3.68
SWD-6EL	SSWD-6EL	SSWD-6EL-316	1 1/4-7	6	6	8 3/4	1 7/8	3600	4.24

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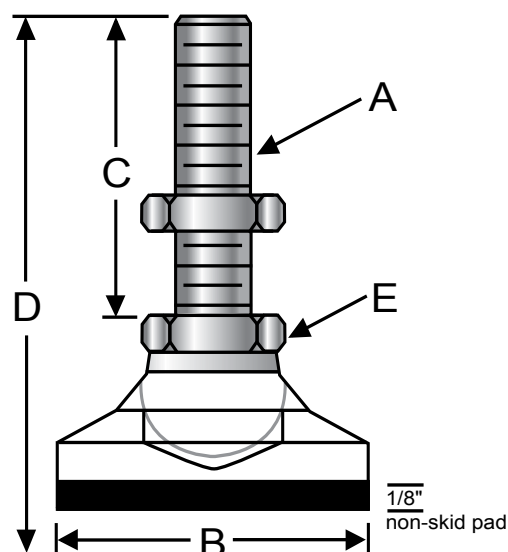
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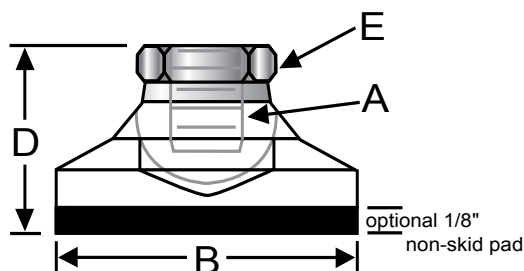
# Level-It™



## Delrin® Stud Style, Non-skid, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
NSWD-00	NSSWD-00	NSSWD-00-316	10-32	3/4	1	1 5/8	3/8	150	0.02
NSWD-00A	NSSWD-00A	NSSWD-00A-316	10-32	3/4	2	2 5/8	3/8	150	0.02
NSWD-0	NSSWD-0	NSSWD-0-316	1/4-20	1	1 1/4	2 1/16	1/2	200	0.06
NSWD-0A	NSSWD-0A	NSSWD-0A-316	1/4-20	1	2 1/2	3 5/16	1/2	200	0.08
NSWD-0B	NSSWD-0B	NSSWD-0B-316	1/4-28	1	1 1/4	2 1/16	1/2	200	0.06
NSWD-100	NSSWD-100	NSSWD-100-316	5/16-18	1 1/4	2	3	5/8	250	0.06
NSWD-100A	NSSWD-100A	NSSWD-100A-316	5/16-18	1 1/4	4	5	5/8	250	0.08
NSWD-1	NSSWD-1	NSSWD-1-316	3/8-16	1 1/4	2	3	5/8	300	0.12
NSWD-1A	NSSWD-1A	NSSWD-1A-316	3/8-16	1 1/4	4	5	5/8	300	0.18
NSWD-1B	NSSWD-1B	NSSWD-1B-316	3/8-24	1 1/4	2	3	5/8	250	0.12
NSWD-2	NSSWD-2	NSSWD-2-316	1/2-13	1 7/8	2	3 1/4	3/4	700	0.25
NSWD-2A	NSSWD-2A	NSSWD-2A-316	1/2-13	1 7/8	4	5 1/4	3/4	700	0.35
NSWD-2B	NSSWD-2B	NSSWD-2B-316	1/2-20	1 7/8	2	3 1/4	3/4	625	0.25
NSWD-3	NSSWD-3	NSSWD-3-316	5/8-11	2 1/2	2	3 3/8	7/8	1200	0.42
NSWD-3A	NSSWD-3A	NSSWD-3A-316	5/8-11	2 1/2	4	5 3/8	7/8	1200	0.52
NSWD-3B	NSSWD-3B	NSSWD-3B-316	5/8-18	2 1/2	2	3 3/8	7/8	1100	0.42
NSWD-4	NSSWD-4	NSSWD-4-316	3/4-10	3	2	3 5/8	1 1/16	1800	0.76
NSWD-4A	NSSWD-4A	NSSWD-4A-316	3/4-10	3	4	5 5/8	1 1/16	1800	0.96
NSWD-4B	NSSWD-4B	NSSWD-4B-316	3/4-16	3	2	3 5/8	1 1/16	1650	0.76
NSWD-5	NSSWD-5	NSSWD-5-316	1-8	4	3 1/2	5 1/2	1 3/8	2400	1.80
NSWD-5EL	NSSWD-5EL	NSSWD-5EL-316	1-8	4	4 1/4	6 1/4	1 3/8	2400	1.96
NSWD-5A	NSSWD-5A	NSSWD-5A-316	1-8	4	6	8	1 3/8	2400	2.30
NSWD-5B	NSSWD-5B	NSSWD-5B-316	1-12	4	3 1/2	5 1/2	1 3/8	2250	1.80
NSWD-5C	NSSWD-5C	NSSWD-5C-316	7/8-9	4	4	6	1 3/8	1700	1.48
NSWD-5D	NSSWD-5D	NSSWD-5D-316	7/8-14	4	4	6	1 3/8	1950	1.68
NSWD-5G	NSSWD-5G	NSSWD-5G-316	1-8	4	8	9 7/8	1 3/8	2400	2.45
NSWD-6	NSSWD-6	NSSWD-6-316	1 1/4-7	6	4	6 7/8	1 7/8	3600	3.89
NSWD-6EL	NSSWD-6EL	NSSWD-6EL-316	1 1/4-7	6	6	8 7/8	1 7/8	3600	4.45

# Level-It™



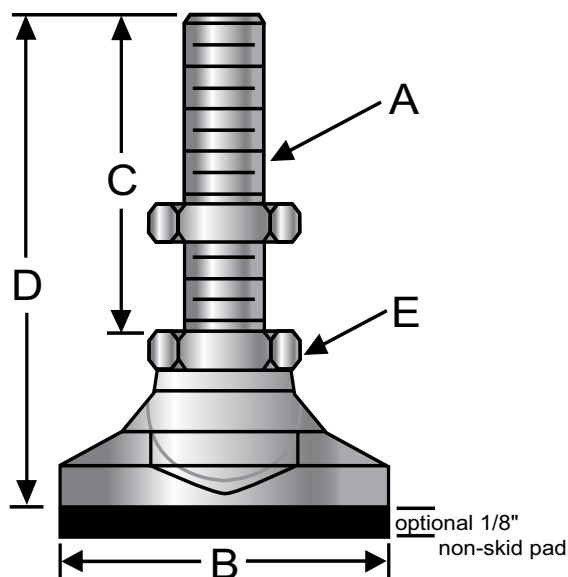
## Delrin® Level-It™ Tapped Style, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
DTS-00	SDTS-00	SDTS-00-316	10-32	3/4	1/2	3/8	150	0.02
DTS-0	SDTS-0	SDTS-0-316	1/4-20	1	11/16	1/2	200	0.02
DTS-0A	SDTS-0A	SDTS-0A-316	1/4-28	1	11/16	1/2	125	0.04
DTS-100	SDTS-100	SDTS-100-316	5/16-18	1 1/4	7/8	5/8	250	0.06
DTS-101	SDTS-101	SDTS-101-316	5/16-24	1 1/4	7/8	5/8	200	0.06
DTS-1	SDTS-1	SDTS-1-316	3/8-16	1 1/4	7/8	5/8	300	0.06
DTS-1A	SDTS-1A	SDTS-1A-316	3/8-24	1 1/4	7/8	5/8	250	0.06
DTS-2	SDTS-2	SDTS-2-316	1/2-13	1 7/8	1 1/8	3/4	700	0.10
DTS-2A	SDTS-2A	SDTS-2A-316	1/2-20	1 7/8	1 1/8	3/4	625	0.10
DTS-3	SDTS-3	SDTS-3-316	5/8-11	2 1/2	1 1/4	7/8	1200	0.20
DTS-3A	SDTS-3A	SDTS-3A-316	5/8-18	2 1/2	1 1/4	7/8	1100	0.20
DTS-4	SDTS-4	SDTS-4-316	3/4-10	3	1 1/2	1 1/16	1800	0.36
DTS-4A	SDTS-4A	SDTS-4A-316	3/4-16	3	1 1/2	1 1/16	1650	0.36
DTS-5	SDTS-5	SDTS-5-316	1-8	4	1 7/8	1 3/8	2400	0.72
DTS-5A	SDTS-5A	SDTS-5A-316	7/8-14	4	1 7/8	1 3/8	1950	0.74
DTS-5B	SDTS-5B	SDTS-5B-316	7/8-9	4	1 7/8	1 3/8	1700	0.74
DTS-5C	SDTS-5C	SDTS-5C-316	1-12	4	1 7/8	1 3/8	2250	0.72
DTS-6	SDTS-6	SDTS-6-316	1 1/4-7	6	2 3/4	1 7/8	3600	1.84

## Delrin® Level-It™ Tapped Style, Non-skid, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
NDTS-00	NSDTS-00	NSDTS-00-316	10-32	3/4	5/8	3/8	150	0.02
NDTS-0	NSDTS-0	NSDTS-0-316	1/4-20	1	13/16	1/2	200	0.02
NDTS-0A	NSDTS-0A	NSDTS-0A-316	1/4-28	1	13/16	1/2	125	0.04
NDTS-100	NSDTS-100	NSDTS-100-316	5/16-18	1 1/4	1	5/8	250	0.06
NDTS-101	NSDTS-101	NSDTS-101-316	5/16-24	1 1/4	1	5/8	200	0.06
NDTS-1	NSDTS-1	NSDTS-1-316	3/8-16	1 1/4	1	5/8	300	0.06
NDTS-1A	NSDTS-1A	NSDTS-1A-316	3/8-24	1 1/4	1	5/8	250	0.06
NDTS-2	NSDTS-2	NSDTS-2-316	1/2-13	1 7/8	1 1/4	3/4	700	0.11
NDTS-2A	NSDTS-2A	NSDTS-2A-316	1/2-20	1 7/8	1 1/4	3/4	625	0.11
NDTS-3	NSDTS-3	NSDTS-3-316	5/8-11	2 1/2	1 3/8	7/8	1200	0.22
NDTS-3A	NSDTS-3A	NSDTS-3A-316	5/8-18	2 1/2	1 3/8	7/8	1100	0.22
NDTS-4	NSDTS-4	NSDTS-4-316	3/4-10	3	1 5/8	1 1/16	1800	0.40
NDTS-4A	NSDTS-4A	NSDTS-4A-316	3/4-16	3	1 5/8	1 1/16	1650	0.40
NDTS-5	NSDTS-5	NSDTS-5-316	1-8	4	2	1 3/8	2400	0.82
NDTS-5A	NSDTS-5A	NSDTS-5A-316	7/8-14	4	2	1 3/8	1950	0.84
NDTS-5B	NSDTS-5B	NSDTS-5B-316	7/8-9	4	2	1 3/8	1700	0.84
NDTS-5C	NSDTS-5C	NSDTS-5C-316	1-12	4	2	1 3/8	2250	0.82
NDTS-6	NSDTS-6	NSDTS-6-316	1 1/4-7	6	2 7/8	1 7/8	3600	2.05

# Level-It™



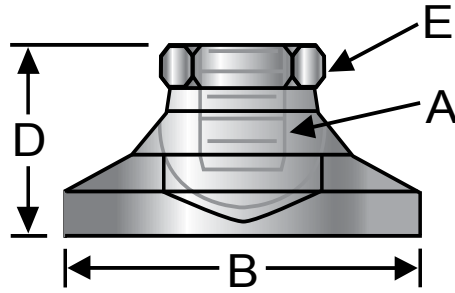
## Level-It™ Stud Style, Metric

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MB-SW00	MS-SW00	MS-SW00-316	M6	19	25	38	10	315	0.04
MB-SW0	MS-SW0	MS-SW0-316	M8	25	32	49	12	450	0.10
MB-SW1	MS-SW1	MS-SW1-316	M10	32	51	73	16	1700	0.22
MB-SW2	MS-SW2	MS-SW2-316	M12	48	51	79	20	2250	0.48
MB-SW3	MS-SW3	MS-SW3-316	M16	64	51	83	22	2700	1.06
MB-SW4	MS-SW4	MS-SW4-316	M20	76	51	89	27	3350	1.70
MB-SW5	MS-SW5	MS-SW5-316	M24	102	89	137	35	9000	3.54
MB-SW5EL	MS-SW5EL	MS-SW5EL-316	M24	102	108	156	35	9000	3.70
MB-SW6	MS-SW6	MS-SW6-316	M30	152	102	172	48	19500	10.40
MB-SW6EL	MS-SW6EL	MS-SW6EL-316	M30	152	152	222	48	19500	10.91

## Level-It™ Stud Style, Non-skid Pad, Metric

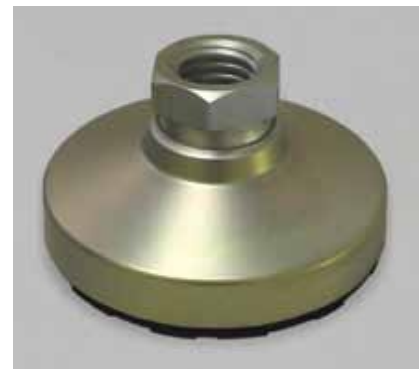
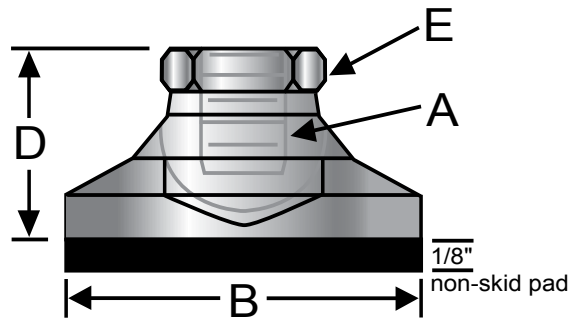
Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MN-SW00	NMS-SW00	NMS-SW00-316	M6	19	25	41	10	235	0.04
MN-SW0	NMS-SW0	NMS-SW0-316	M8	25	32	52	12	340	0.10
MN-SW1	NMS-SW1	NMS-SW1-316	M10	32	51	76	16	1270	0.22
MN-SW2	NMS-SW2	NMS-SW2-316	M12	48	51	83	20	1700	0.49
MN-SW3	NMS-SW3	NMS-SW3-316	M16	64	51	86	22	2045	1.08
MN-SW4	NMS-SW4	NMS-SW4-316	M20	76	51	92	27	2520	1.74
MN-SW5	NMS-SW5	NMS-SW5-316	M24	102	89	140	35	6800	3.64
MN-SW5EL	NMS-SW5EL	NMS-SW5EL-316	M24	102	108	159	35	6800	3.80
MN-SW6	NMS-SW6	NMS-SW6-316	M30	152	102	175	48	14650	10.61
MN-SW6EL	NMS-SW6EL	NMS-SW6EL-316	M30	152	152	225	48	14650	11.12

# Level-It™



## Level-It™ Tapped Style, Metric

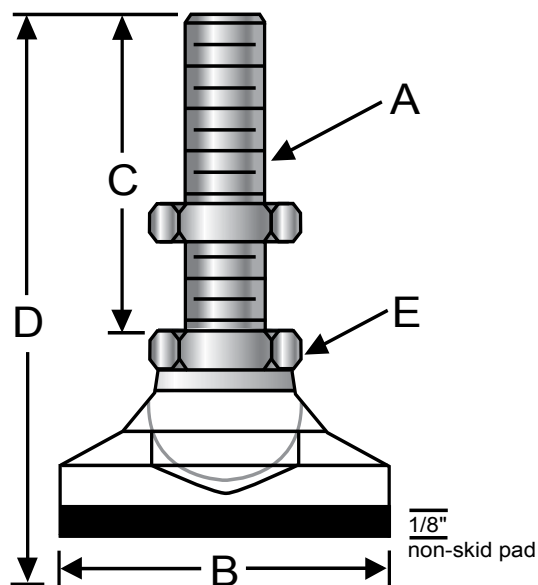
Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MT-SW00	MS-TW00	MS-TW00-316	M6	19	13	10	315	0.02
MT-SW0	MS-TW0	MS-TW0-316	M8	25	17	12	450	0.08
MT-SW1	MS-TW1	MS-TW1-316	M10	32	22	16	1700	0.14
MT-SW2	MS-TW2	MS-TW2-316	M12	48	29	20	2250	0.34
MT-SW3	MS-TW3	MS-TW3-316	M16	64	32	22	2700	0.78
MT-SW4	MS-TW4	MS-TW4-316	M20	76	38	27	3350	1.30
MT-SW5	MS-TW5	MS-TW5-316	M24	102	48	35	9000	2.48
MT-SW6	MS-TW6	MS-TW6-316	M30	152	70	48	19500	5.38



## Level-It™ Tapped Style, Non-skid, Metric

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MN-TS00	NMS-TW00	NMS-TW00-316	M6	19	13	10	235	0.02
MN-TS0	NMS-TW0	NMS-TW0-316	M8	25	17	12	340	0.08
MN-TS1	NMS-TW1	NMS-TW1-316	M10	32	22	16	1270	0.20
MN-TS2	NMS-TW2	NMS-TW2-316	M12	48	29	20	1700	0.35
MN-TS3	NMS-TW3	NMS-TW3-316	M16	64	32	22	2045	0.80
MN-TS4	NMS-TW4	NMS-TW4-316	M20	76	38	27	2520	1.40
MN-TS5	NMS-TW5	NMS-TW5-316	M24	102	48	35	6800	2.58
MN-TS6	NMS-TW6	NMS-TW6-316	M30	152	70	48	14650	5.59

# Level-It™



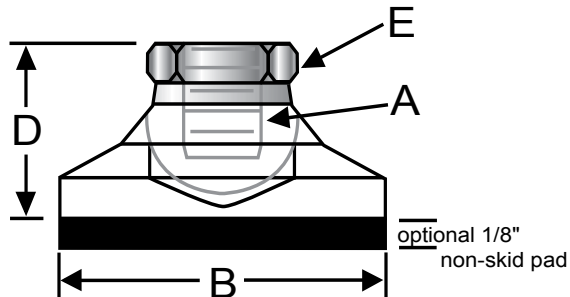
## Delrin® Stud Style, Metric

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MS-WD00	SMS-WD00	SMS-WD00-316	M6	19	25	38	10	68	0.02
MS-WD0	SMS-WD0	SMS-WD0-316	M8	25	32	49	12	91	0.06
MS-WD1	SMS-WD1	SMS-WD1-316	M10	32	51	73	16	136	0.12
MS-WD2	SMS-WD2	SMS-WD2-316	M12	48	51	79	20	318	0.24
MS-WD3	SMS-WD3	SMS-WD3-316	M16	64	51	83	22	544	0.40
MS-WD4	SMS-WD4	SMS-WD4-316	M20	76	51	89	27	818	0.72
MS-WD5	SMS-WD5	SMS-WD5-316	M24	102	89	137	35	1090	1.70
MS-WD6	SMS-WD6	SMS-WD6-316	M30	152	102	172	48	1636	3.68

## Delrin® Stud Style, Non-skid Pad, Metric

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
NMS-WD00	NSMS-WD00	NSMS-WD00-316	M6	19	25	41	10	68	0.02
NMS-WD0	NSMS-WD0	NSMS-WD0-316	M8	25	32	52	12	91	0.02
NMS-WD1	NSMS-WD1	NSMS-WD1-316	M10	32	51	76	16	136	0.22
NMS-WD2	NSMS-WD2	NSMS-WD2-316	M12	48	51	83	20	318	0.25
NMS-WD3	NSMS-WD3	NSMS-WD3-316	M16	64	51	86	22	544	0.42
NMS-WD4	NSMS-WD4	NSMS-WD4-316	M20	76	51	92	27	818	0.76
NMS-WD5	NSMS-WD5	NSMS-WD5-316	M24	102	89	140	35	1090	1.80
NMS-WD6	NSMS-WD6	NSMS-WD6-316	M30	152	102	175	48	1636	3.89

# Level-It™



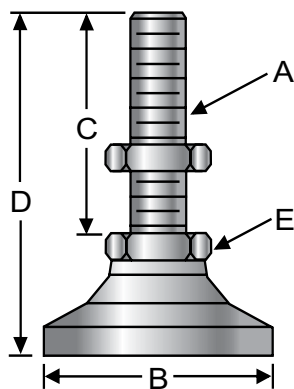
## Delrin® Tapped Style, Metric

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MD-TS00	SMD-TS00	SMD-TS00-316	M6	19	13	10	68	0.02
MD-TS0	SMD-TS0	SMD-TS0-316	M8	25	17	12	91	0.02
MD-TS1	SMD-TS1	SMD-TS1-316	M10	32	22	16	136	0.06
MD-TS2	SMD-TS2	SMD-TS2-316	M12	48	29	20	318	0.10
MD-TS3	SMD-TS3	SMD-TS3-316	M16	64	32	22	544	0.20
MD-TS4	SMD-TS4	SMD-TS4-316	M20	76	38	27	818	0.36
MD-TS5	SMD-TS5	SMD-TS5-316	M24	102	48	35	1090	0.72
MD-TS6	SMD-TS6	SMD-TS6-316	M30	152	70	48	1636	1.84

## Delrin® Tapped Style, Non-skid, Metric

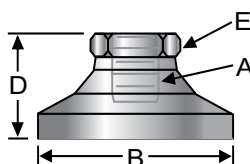
Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
NMD-TS00	NSMD-TS00	NSMD-TS00-316	M6	19	16	10	68	0.02
NMD-TS0	NSMD-TS0	NSMD-TS0-316	M8	25	21	12	91	0.02
NMD-TS1	NSMD-TS1	NSMD-TS1-316	M10	32	25	16	136	0.06
NMD-TS2	NSMD-TS2	NSMD-TS2-316	M12	48	32	20	318	0.11
NMD-TS3	NSMD-TS3	NSMD-TS3-316	M16	64	35	22	544	0.22
NMD-TS4	NSMD-TS4	NSMD-TS4-316	M20	76	41	27	818	0.40
NMD-TS5	NSMD-TS5	NSMD-TS5-316	M24	102	51	35	1090	0.82
NMD-TS6	NSMD-TS6	NSMD-TS6-316	M30	152	73	48	1636	2.05

# Level-It™ Non-swivel



## Non-swivel, Stud Style, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
CSW-0	CSSW-0	1/4-20	1	1 1/4	1 15/16	1/2	1000	0.10
CSW-0B	CSSW-0B	1/4-28	1	1 1/4	1 15/16	1/2	775	0.12
CSW-100	CSSW-100	5/16-18	1 1/4	2	2 7/8	5/8	2500	0.10
CSW-1	CSSW-1	3/8-16	1 1/4	2	2 7/8	5/8	3750	0.22
CSW-1B	CSSW-1B	3/8-24	1 1/4	2	2 7/8	5/8	3300	0.20
CSW-2	CSSW-2	1/2-13	1 7/8	2	3 1/8	3/4	5000	0.48
CSW-2B	CSSW-2B	1/2-20	1 7/8	2	3 1/8	3/4	4000	0.50
CSW-3	CSSW-3	5/8-11	2 1/2	2	3 1/4	7/8	6000	1.06
CSW-3B	CSSW-3B	5/8-18	2 1/2	2	3 1/4	7/8	5000	1.06
CSW-4	CSSW-4	3/4-10	3	2	3 1/2	1 1/16	7400	1.70
CSW-4B	CSSW-4B	3/4-16	3	2	3 1/2	1 1/16	6200	1.14
CSW-5	CSSW-5	1-8	4	3 1/2	5 3/8	1 3/8	20000	3.54
CSW-5B	CSSW-5B	1-12	4	3 1/2	5 3/8	1 3/8	18000	3.50
CSW-5C	CSSW-5C	7/8-9	4	4	5 7/8	1 3/8	15000	3.32
CSW-5D	CSSW-5D	7/8-14	4	4	5 7/8	1 3/8	13500	3.40

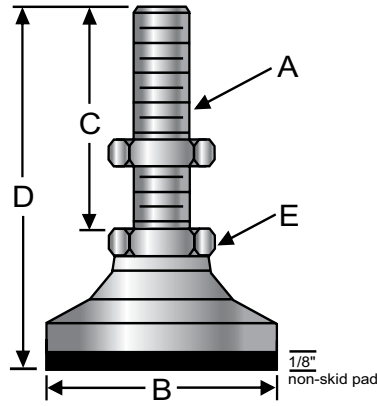


## Non-swivel, Tapped Style, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
CTSW-0	CSTS-0	1/4-20	1	11/16	1/2	1000	0.08
CTSW-0A	CSTS-0A	1/4-28	1	11/16	1/2	775	0.08
CTSW-100	CSTS-100	5/16-18	1 1/4	7/8	5/8	2500	0.12
CTSW-101	CSTS-101	5/16-24	1 1/4	7/8	5/8	2150	0.12
CTSW-1	CSTS-1	3/8-16	1 1/4	7/8	5/8	3750	0.14
CTSW-1A	CSTS-1A	3/8-24	1 1/4	7/8	5/8	3300	0.14
CTSW-2	CSTS-2	1/2-13	1 7/8	1 1/8	3/4	5000	0.34
CTSW-2A	CSTS-2A	1/2-20	1 7/8	1 1/8	3/4	4000	0.34
CTSW-3	CSTS-3	5/8-11	2 1/2	1 1/4	7/8	6000	0.78
CTSW-3A	CSTS-3A	5/8-18	2 1/2	1 1/4	7/8	5000	0.78
CTSW-4	CSTS-4	3/4-10	3	1 1/2	1 1/16	7400	1.30
CTSW-4A	CSTS-4A	3/4-16	3	1 1/2	1 1/16	6200	1.30
CTSW-5	CSTS-5	1-8	4	1 7/8	1 3/8	20000	2.48
CTSW-5A	CSTS-5A	7/8-14	4	1 7/8	1 3/8	13500	2.42
CTSW-5B	CSTS-5B	7/8-9	4	1 7/8	1 3/8	15000	2.42
CTSW-5C	CSTS-5C	1-12	4	1 7/8	1 3/8	18000	2.48

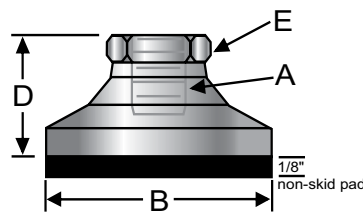
# Level-It™ Non-swivel

## Non-swivel, Stud Style, Non-skid, Inch



Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
CNSW-0	CNSSW-0	1/4-20	1	1 1/4	2 1/16	1/2	750	0.10
CNSW-0B	CNSSW-0B	1/4-28	1	1 1/4	2 1/16	1/2	580	0.12
CNSW-100	CNSSW-100	5/16-18	1 1/4	2	3	5/8	1875	0.10
CNSW-1	CNSSW-1	3/8-16	1 1/4	2	3	5/8	2800	0.22
CNSW-1B	CNSSW-1B	3/8-24	1 1/4	2	3	5/8	2475	0.20
CNSW-2	CNSSW-2	1/2-13	1 7/8	2	3 1/4	3/4	3750	0.49
CNSW-2B	CNSSW-2B	1/2-20	1 7/8	2	3 1/4	3/4	3000	0.51
CNSW-3	CNSSW-3	5/8-11	2 1/2	2	3 3/8	7/8	4500	1.08
CNSW-3B	CNSSW-3B	5/8-18	2 1/2	2	3 3/8	7/8	3750	1.08
CNSW-4	CNSSW-4	3/4-10	3	2	3 5/8	1 1/16	5550	1.74
CNSW-4B	CNSSW-4B	3/4-16	3	2	3 5/8	1 1/16	4650	1.18
CNSW-5	CNSSW-5	1-8	4	3 1/2	5 1/2	1 3/8	15000	3.64
CNSW-5B	CNSSW-5B	1-12	4	3 1/2	5 1/2	1 3/8	13500	3.60
CNSW-5C	CNSSW-5C	7/8-9	4	4	6	1 3/8	11250	3.42
CNSW-5D	CNSSW-5D	7/8-14	4	4	6	1 3/8	10125	3.50

## Non-swivel, Tapped Style, Non-skid, Inch



Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
CNTS-0	CNSTS-0	1/4-20	1	13/16	1/2	750	0.08
CNTS-0A	CNSTS-0A	1/4-28	1	13/16	1/2	580	0.08
CNTS-100	CNSTS-100	5/16-18	1 1/4	1	5/8	1875	0.12
CNTS-101	CNSTS-101	5/16-24	1 1/4	1	5/8	1600	0.12
CNTS-1	CNSTS-1	3/8-16	1 1/4	1	5/8	2800	0.14
CNTS-1A	CNSTS-1A	3/8-24	1 1/4	1	5/8	2475	0.14
CNTS-2	CNSTS-2	1/2-13	1 7/8	1 1/4	3/4	3750	0.35
CNTS-2A	CNSTS-2A	1/2-20	1 7/8	1 1/4	3/4	3000	0.35
CNTS-3	CNSTS-3	5/8-11	2 1/2	1 3/8	7/8	4500	0.80
CNTS-3A	CNSTS-3A	5/8-18	2 1/2	1 3/8	7/8	3750	0.80
CNTS-4	CNSTS-4	3/4-10	3	1 5/8	1 1/16	5550	1.34
CNTS-4A	CNSTS-4A	3/4-16	3	1 5/8	1 1/16	4650	1.34
CNTS-5	CNSTS-5	1-8	4	2	1 3/8	15000	2.58
CNTS-5A	CNSTS-5A	7/8-14	4	2	1 3/8	10125	2.52
CNTS-5B	CNSTS-5B	7/8-9	4	2	1 3/8	11250	2.52
CNTS-5C	CNSTS-5C	1-12	4	2	1 3/8	13500	2.48

# SnapLock™ Leveling Mounts

## Patent# 6520459

The patented SnapLock™ feature on our Level-It™ leveler locks the anti-skid elastomer pad onto the base, making it a much more stable assembly than the traditional glued-on rubber pad. This feature is especially important for equipment that is frequently moved since the pad will not peel off if the leveler is dragged across the floor. This design is available on all Level-It™ styles with a metal base, from 1" through 3" base diameters, including the non-swivel Level-It™ mounts.



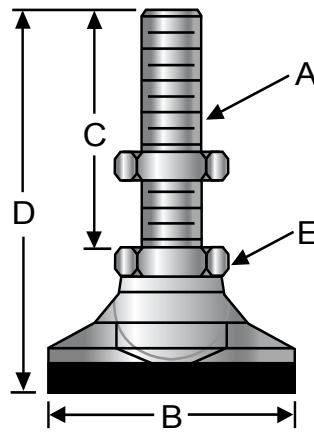
### Specifications:

- Low carbon steel with yellow zinc plating or 303 stainless steel
- One-piece machined stud
- Non-skid elastomer pad
- Inch and metric sizes
- Mounts with studs furnished with jam nut

### Standard Options:

- Clear zinc, nickel plating or black oxide finish

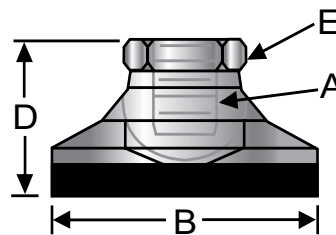
# SnapLock™



Patent# 6520459

## SnapLock™ Stud Style, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
SL-0B	SSL-0B	1/4-20	1	1 1/4	1 15/16	1/2	750	0.10
SL-0BA	SSL-0BA	1/4-20	1	2 1/2	3 3/16	1/2	750	0.12
SLF-0B	SSLF-0B	1/4-28	1	1 1/4	1 15/16	1/2	580	0.10
SL-100B	SSL-100B	5/16-18	1 1/4	2	2 7/8	5/8	1875	0.22
SL-100BA	SSL-100BA	5/16-18	1 1/4	4	4 7/8	5/8	1875	0.26
SL-1B	SSL-1B	3/8-16	1 1/4	2	2 7/8	5/8	2800	0.22
SL-1BA	SSL-1BA	3/8-16	1 1/4	4	4 7/8	5/8	2800	0.26
SLF-1B	SSLF-1B	3/8-24	1 1/4	2	2 7/8	5/8	2475	0.22
SL-2B	SSL-2B	1/2-13	1 7/8	2	3 1/8	3/4	3750	0.48
SL-2BA	SSL-2BA	1/2-13	1 7/8	4	5 1/8	3/4	3750	0.58
SLF-2B	SSLF-2B	1/2-20	1 7/8	2	3 1/8	3/4	3000	0.48
SL-3B	SSL-3B	5/8-11	2 1/2	2	3 1/4	7/8	4500	1.06
SL-3BA	SSL-3BA	5/8-11	2 1/2	4	5 1/4	7/8	4500	1.12
SLF-3B	SSLF-3B	5/8-18	2 1/2	2	3 1/4	7/8	3750	1.06
SL-4B	SSL-4B	3/4-10	3	2	3 1/2	1-1/16	5550	1.70
SL-4BA	SSL-4BA	3/4-10	3	4	5 1/2	1-1/16	5550	1.90
SLF-4B	SSLF-4B	3/4-16	3	2	3 1/2	1-1/16	4650	1.70

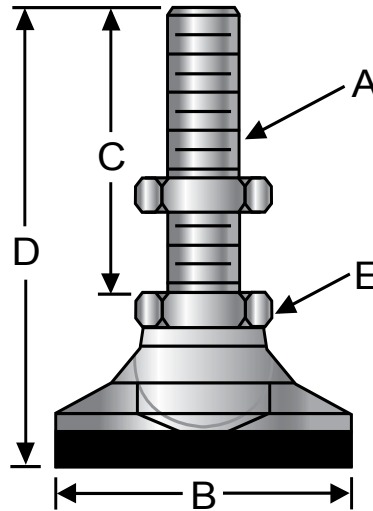


Patent# 6520459

## SnapLock™ Tapped Style, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
SL-0T	SSL-0T	1/4-20	1	11/16	1/2	750	0.08
SLF-0T	SSLF-0T	1/4-28	1	11/16	1/2	750	0.08
SL-100T	SSL-100T	5/16-18	1 1/4	7/8	5/8	1875	0.12
SL-1T	SSL-1T	3/8-16	1 1/4	7/8	5/8	2800	0.14
SLF-1T	SSLF-1T	3/8-24	1 1/4	7/8	5/8	2475	0.14
SL-2T	SSL-2T	1/2-13	1 7/8	1 1/8	3/4	3750	0.34
SLF-2T	SSLF-2T	1/2-20	1 7/8	1 1/8	3/4	3000	0.34
SL-3T	SSL-3T	5/8-11	2 1/2	1 1/4	7/8	4500	0.78
SLF-3T	SSLF-3T	5/8-18	2 1/2	1 1/4	7/8	3750	0.78
SL-4T	SSL-4T	3/4-10	3	1 1/2	1-1/16	5550	1.30
SLF-4T	SSLF-4T	3/4-16	3	1 1/2	1-1/16	4650	1.30

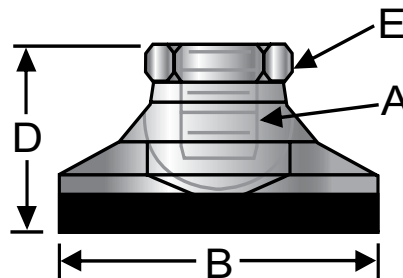
# SnapLock™



Patent# 6520459

## SnapLock™ Stud Style, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MSL-0B	MSSL-0B	M8	25	32	49	12	340	0.10
MSL-1B	MSSL-1B	M10	32	51	73	16	1270	0.22
MSL-2B	MSSL-2B	M12	48	51	79	20	1700	0.48
MSL-3B	MSSL-3B	M16	64	51	83	22	2045	1.06
MSL-4B	MSSL-4B	M20	76	51	89	27	2520	1.70



Patent# 6520459

## SnapLock™ Tapped Style, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MSL-0T	MSSL-0T	M8	25	17	12	340	0.08
MSL-1T	MSSL-1T	M10	32	22	16	1270	0.14
MSL-2T	MSSL-2T	M12	48	29	20	1700	0.34
MSL-3T	MSSL-3T	M16	64	32	22	2045	0.78
MSL-4T	MSSL-4T	M20	76	38	27	2520	1.30

# PolyMount™ Leveling Mounts

**Patent# US 6,742,750 B2**

PolyMounts™ are economical leveling mounts for light, medium, and heavy-duty applications. The sleek design is suitable for everything from production machinery, conveyors and electronic equipment to retail displays and expensive office furniture.

The one-piece ball with stud swivels 15° in all directions and is forged and roll-threaded for maximum strength and durability. Standard stud materials are clear zinc plated steel and stainless steel. For applications where a stud is already in place, a one-piece tapped ball version is available.



The molded base is corrosion resistant glass-reinforced nylon and has pop-out lag holes for securing the mounts to the floor. Diameters range from 1.5" to 5" and capacities are as high as 10,000 pounds. For anti-skid applications and light-duty vibration control, PolyMounts™ are available with an elastomer pad.

For especially harsh applications our exclusive SocketLock™ technology will lock the stud in place, preventing pullout.

## Specifications:

Glass-reinforced nylon base

Studs are either low carbon steel with clear zinc plating or 303 stainless steel

One-piece forged and roll-threaded stud or

One-piece tapped ball

Pop-out lag holes

Inch and metric sizes

Mounts with studs furnished with jam nut

Patent Pending

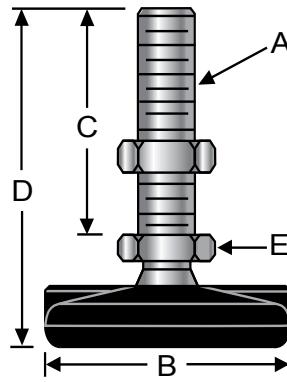
## Standard Options:

Non-skid elastomer pad

SocketLock™

# PolyMounts™

## Stud Style 1.58", 2", 3", 4" Dia. Base, Inch



Patent# US 6,742,750 B2

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BNYLA13	BSNYLA13	3/8-16	1.58	3	4 1/16	3/4	2500	0.20
BNYLA23	BSNYLA23	3/8-16	2	3	4 1/8	3/4	4000	0.20
BNYLA24	BSNYLA24	3/8-16	2	4	5 1/8	3/4	4000	0.24
BNYLA26	BSNYLA26	3/8-16	2	6	7 1/8	3/4	4000	0.26
BNYLA28	BSNYLA28	3/8-16	2	8	9 1/8	3/4	4000	0.32
BNYLB23	BSNYLB23	1/2-13	2	3	4 1/8	3/4	4000	0.26
BNYLB24	BSNYLB24	1/2-13	2	4	5 1/8	3/4	4000	0.34
BNYLB26	BSNYLB26	1/2-13	2	6	7 1/8	3/4	4000	0.42
BNYLB28	BSNYLB28	1/2-13	2	8	9 1/8	3/4	4000	0.52
BNYLC23	BSNYLC23	5/8-11	2	3	4 1/8	7/8	4000	0.28
BNYLC24	BSNYLC24	5/8-11	2	4	5 1/8	7/8	4000	0.30
BNYLC26	BSNYLC26	5/8-11	2	6	7 1/8	7/8	4000	0.54
BNYLC28	BSNYLC28	5/8-11	2	8	9 1/8	7/8	4000	0.76
BNYLA34	BSNYLA34	3/8-16	3	4	5 1/8	3/4	5000	0.28
BNYLA36	BSNYLA36	3/8-16	3	6	7 1/8	3/4	5000	0.32
BNYLA38	BSNYLA38	3/8-16	3	8	9 1/8	3/4	5000	0.40
BNYLB34	BSNYLB34	1/2-13	3	4	5 1/8	3/4	5000	0.42
BNYLB36	BSNYLB36	1/2-13	3	6	7 1/8	3/4	5000	0.50
BNYLB38	BSNYLB38	1/2-13	3	8	9 1/8	3/4	5000	0.60
BNYLC34	BSNYLC34	5/8-11	3	4	5 1/8	7/8	5000	0.58
BNYLC36	BSNYLC36	5/8-11	3	6	7 1/8	7/8	5000	0.72
BNYLC38	BSNYLC38	5/8-11	3	8	9 1/8	7/8	5000	0.86
BNYLD34	BSNYLD34	3/4-10	3	4	5 1/8	1 1/16	5000	0.74
BNYLD36	BSNYLD36	3/4-10	3	6	7 1/8	1 1/16	5000	0.88
BNYLD38	BSNYLD38	3/4-10	3	8	9 1/8	1 1/16	5000	1.16
BNYLA44	BSNYLA44	3/8-16	4	4	5 5/16	3/4	3500	0.44
BNYLA46	BSNYLA46	3/8-16	4	6	7 5/16	3/4	3500	0.46
BNYLA48	BSNYLA48	3/8-16	4	8	9 5/16	3/4	3500	0.50
BNYLB44	BSNYLB44	1/2-13	4	4	5 5/16	3/4	5000	0.54
BNYLB46	BSNYLB46	1/2-13	4	6	7 5/16	3/4	5000	0.62
BNYLB48	BSNYLB48	1/2-13	4	8	9 5/16	3/4	5000	0.76
BNYLC44	BSNYLC44	5/8-11	4	4	5 5/16	7/8	6000	0.70
BNYLC46	BSNYLC46	5/8-11	4	6	7 5/16	7/8	6000	0.84
BNYLC48	BSNYLC48	5/8-11	4	8	9 5/16	7/8	6000	1.00
BNYLD44	BSNYLD44	3/4-10	4	4	5 5/16	1 1/16	7500	0.84
BNYLD46	BSNYLD46	3/4-10	4	6	7 5/16	1 1/16	7500	0.98
BNYLD48	BSNYLD48	3/4-10	4	8	9 5/16	1 1/16	7500	1.28
BNYLE44	BSNYLE44	1-8	4	4	5 5/16	1 3/8	7500	1.20
BNYLE46	BSNYLE46	1-8	4	6	7 5/16	1 3/8	7500	1.58
BNYLE48	BSNYLE48	1-8	4	8	9 5/16	1 3/8	7500	1.96

For non-skid elastomer pad, add **-EL** to the end of the part number. Add **1/16"** to the overall height. For SocketLock™, add **-SL** to end of part number.

888-1



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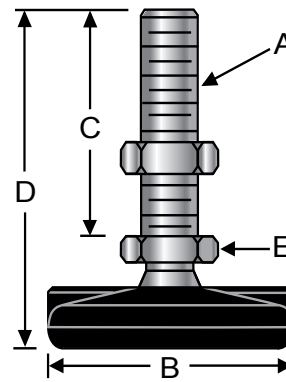
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# PolyMounts™

## Stud Style 1.58", 2", 3", 4" Dia. Base, Metric



Patent# US 6,742,750 B2

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
BMNYLA13	BSMNYLA13	M10	40	76	104	20	1135	0.20
BMNYLA23	BSMNYLA23	M10	51	76	105	20	1818	0.20
BMNYLA24	BSMNYLA24	M10	51	102	130	20	1818	0.24
BMNYLA26	BSMNYLA26	M10	51	152	181	20	1818	0.26
BMNYLA28	BSMNYLA28	M10	51	203	232	20	1818	0.32
BMNYLB23	BSMNYLB23	M12	51	76	105	20	1818	0.26
BMNYLB24	BSMNYLB24	M12	51	102	130	20	1818	0.34
BMNYLB26	BSMNYLB26	M12	51	152	181	20	1818	0.42
BMNYLB28	BSMNYLB28	M12	51	203	232	20	1818	0.52
BMNYLC23	BSMNYLC23	M16	51	76	105	22	1818	0.28
BMNYLC24	BSMNYLC24	M16	51	102	130	22	1818	0.30
BMNYLC26	BSMNYLC26	M16	51	152	181	22	1818	0.54
BMNYLC28	BSMNYLC28	M16	51	203	232	22	1818	0.76
BMNYLA34	BSMNYLA34	M10	76	102	130	20	2270	0.28
BMNYLA36	BSMNYLA36	M10	76	152	181	20	2270	0.32
BMNYLA38	BSMNYLA38	M10	76	203	232	20	2270	0.40
BMNYLB34	BSMNYLB34	M12	76	102	130	20	2270	0.42
BMNYLB36	BSMNYLB36	M12	76	152	181	20	2270	0.50
BMNYLB38	BSMNYLB38	M12	76	203	232	20	2270	0.60
BMNYLC34	BSMNYLC34	M16	76	102	130	22	2270	0.58
BMNYLC36	BSMNYLC36	M16	76	152	181	22	2270	0.72
BMNYLC38	BSMNYLC38	M16	76	203	232	22	2270	0.86
BMNYLD34	BSMNYLD34	M20	76	102	130	27	2270	0.74
BMNYLD36	BSMNYLD36	M20	76	152	181	27	2270	0.88
BMNYLD38	BSMNYLD38	M20	76	203	232	27	2270	1.16
BMNYLA44	BSMNYLA44	M10	102	102	135	20	1590	0.44
BMNYLA46	BSMNYLA46	M10	102	152	185	20	1590	0.46
BMNYLA48	BSMNYLA48	M10	102	203	236	20	1590	0.50
BMNYLB44	BSMNYLB44	M12	102	102	135	20	2270	0.54
BMNYLB46	BSMNYLB46	M12	102	152	185	20	2270	0.62
BMNYLB48	BSMNYLB48	M12	102	203	236	20	2270	0.76
BMNYLC44	BSMNYLC44	M16	102	102	135	22	2725	0.70
BMNYLC46	BSMNYLC46	M16	102	152	185	22	2725	0.84
BMNYLC48	BSMNYLC48	M16	102	203	236	22	2725	1.00
BMNYLD44	BSMNYLD44	M20	102	102	135	27	3409	0.84
BMNYLD46	BSMNYLD46	M20	102	152	185	27	3409	0.98
BMNYLD48	BSMNYLD48	M20	102	203	236	27	3409	1.28
BMNYLE44	BSMNYLE44	M24	102	102	135	35	3409	1.20
BMNYLE46	BSMNYLE46	M24	102	152	185	35	3409	1.58
BMNYLE48	BSMNYLE48	M24	102	203	236	35	3409	1.96

For non-skid elastomer pad, add **-EL** to the end of the part number. Add **1.6mm** to the overall height. For SocketLock™, add **-SL** to end of part number.

888-1



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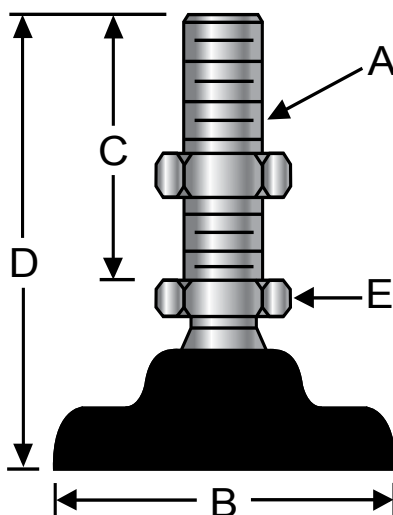
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# PolyMounts™



Patent# US 6,742,750 B2

## Stud Style 5" Dia. Base, Inch

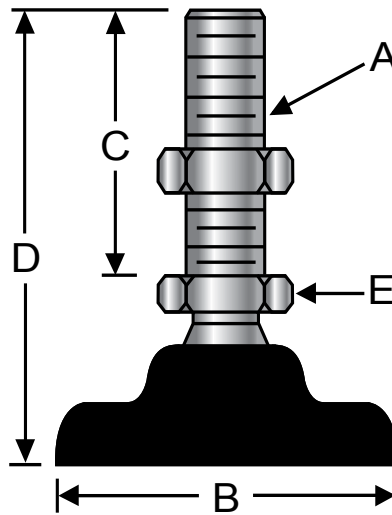
Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BNYLC54	BSNYLC54	5/8-11	5	4	6 1/4	1 1/16	10000	1.12
BNYLC56	BSNYLC56	5/8-11	5	6	8 1/4	1 1/16	10000	1.26
BNYLC58	BSNYLC58	5/8-11	5	8	10 1/4	1 1/16	10000	1.40
BNYLC510	BSNYLC510	5/8-11	5	10	12 1/4	1 1/16	10000	1.63
BNYLD54	BSNYLD54	3/4-10	5	4	6 1/4	1 1/16	10000	1.22
BNYLD56	BSNYLD56	3/4-10	5	6	8 1/4	1 1/16	10000	1.39
BNYLD58	BSNYLD58	3/4-10	5	8	10 1/4	1 1/16	10000	1.56
BNYLD510	BSNYLD510	3/4-10	5	10	12 1/4	1 1/16	10000	1.70
BNYLE54	BSNYLE54	1-8	5	4	6 1/4	1 3/8	10000	1.66
BNYLE56	BSNYLE56	1-8	5	6	8 1/4	1 3/8	10000	1.83
BNYLE58	BSNYLE58	1-8	5	8	10 1/4	1 3/8	10000	2.00
BNYLE510	BSNYLE510	1-8	5	10	12 1/4	1 3/8	10000	2.17
BNYLF54	BSNYLF54	1 1/8-7	5	4	6 1/4	1 3/8	10000	2.20
BNYLF56	BSNYLF56	1 1/8-7	5	6	8 1/4	1 3/8	10000	2.37
BNYLF58	BSNYLF58	1 1/8-7	5	8	10 1/4	1 3/8	10000	2.54
BNYLF510	BSNYLF510	1 1/8-7	5	10	12 1/4	1 3/8	10000	1.71
BNYLG54	BSNYLG54	1 1/4-7	5	4	6 1/4	1 7/8	10000	2.84
BNYLG56	BSNYLG56	1 1/4-7	5	6	8 1/4	1 7/8	10000	3.01
BNYLG58	BSNYLG58	1 1/4-7	5	8	10 1/4	1 7/8	10000	3.18
BNYLG510	BSNYLG510	1 1/4-7	5	10	12 1/4	1 7/8	10000	3.35

For SocketLock™, add -SL to the end of the part number.

## Non-Skid Pad for 5" PolyMounts™

P/N	Base Dia	Total Height	Max Load (lbs)	Ship Wt. (lbs)
PMR-WH-5	5	.31	10000	0.3

# PolyMounts™



Patent# US 6,742,750 B2

## Stud Style, 5" Dia. Base, Metric

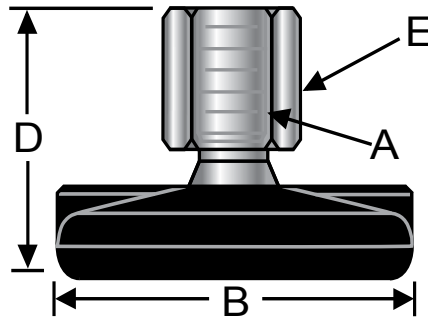
Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
BMNYLC54	BSMNYLC54	M16	127	102	159	27	4545	1.12
BMNYLC56	BSMNYLC56	M16	127	152	210	27	4545	1.26
BMNYLC58	BSMNYLC58	M16	127	203	260	27	4545	1.40
BMNYLC510	BSMNYLC510	M16	127	254	311	27	4545	1.63
BMNYLD54	BSMNYLD54	M20	127	102	159	27	4545	1.22
BMNYLD56	BSMNYLD56	M20	127	152	210	27	4545	1.39
BMNYLD58	BSMNYLD58	M20	127	203	260	27	4545	1.56
BMNYLD510	BSMNYLD510	M20	127	254	311	27	4545	1.70
BMNYLE54	BSMNYLE54	M24	127	102	159	35	4545	1.66
BMNYLE56	BSMNYLE56	M24	127	152	210	35	4545	1.83
BMNYLE58	BSMNYLE58	M24	127	203	260	35	4545	2.00
BMNYLE510	BSMNYLE510	M24	127	254	311	35	4545	2.17
BMNYLF54	BSMNYLF54	M30	127	102	159	35	4545	2.20
BMNYLF56	BSMNYLF56	M30	127	152	210	35	4545	2.37
BMNYLF58	BSMNYLF58	M30	127	203	260	35	4545	2.54
BMNYLF510	BSMNYLF510	M30	127	254	311	35	4545	1.71

For SocketLock™, add **-SL** to the end of the part number.

## Non-Skid Pad for 5" PolyMounts™

P/N	Base Dia	Total Height	Max Load (lbs)	Ship Wt. (lbs)
PMR-WH-5	5	.31	10000	0.3

# PolyMounts™



Patent# US 6,742,750 B2

## Tapped Style 1.58", 2", 3", 4" Dia. Base, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BNYLA1-T	BSNYLA1-T	3/8-16	1.58	1 3/8	5/8	2500	0.14
BNYLA2-T	BSNYLA2-T	3/8-16	2	1 7/16	5/8	4000	0.14
BNYLB2-T	BSNYLB2-T	1/2-13	2	1 5/8	3/4	4000	0.16
BNYLC2-T	BSNYLC2-T	5/8-11	2	1 11/16	7/8	4000	0.18
BNYLA3-T	BSNYLA3-T	3/8-16	3	1 7/16	5/8	5000	0.22
BNYLB3-T	BSNYLB3-T	1/2-13	3	1 5/8	3/4	5000	0.24
BNYLC3-T	BSNYLC3-T	5/8-11	3	1 11/16	7/8	5000	0.26
BNYLD3-T	BSNYLD3-T	3/4-10	3	1 13/16	1 1/16	5000	0.34
BNYLA4-T	BSNYLA4-T	3/8-16	4	1 5/8	5/8	3500	0.36
BNYLB4-T	BSNYLB4-T	1/2-13	4	1 13/16	3/4	5000	0.40
BNYLC4-T	BSNYLC4-T	5/8-11	4	1 7/8	7/8	6000	0.42
BNYLD4-T	BSNYLD4-T	3/4-10	4	2	1 1/16	7500	0.50
BNYLE4-T	BSNYLE4-T	1-8	4	2 3/8	1 3/8	7500	0.94

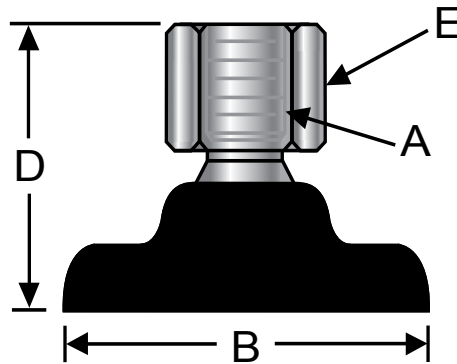
For non-skid elastomer pad, add **-EL** to the end of the part number. Add **1/16" (1.6mm)** to the overall height.  
For SocketLock™, add **-SL** to end of part number.

## Tapped Style 1.58", 2", 3", 4" Dia. Base, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
BMNYLA1-T	BSMNYLA1-T	M10	40	35	16	1135	0.14
BMNYLA2-T	BSMNYLA2-T	M10	51	37	16	1818	0.14
BMNYLB2-T	BSMNYLB2-T	M12	51	41	20	1818	0.16
BMNYLC2-T	BSMNYLC2-T	M16	51	43	22	1818	0.18
BMNYLA3-T	BSMNYLA3-T	M10	76	37	16	2270	0.22
BMNYLB3-T	BSMNYLB3-T	M12	76	41	20	2270	0.24
BMNYLC3-T	BSMNYLC3-T	M16	76	43	22	2270	0.26
BMNYLD3-T	BSMNYLD3-T	M20	76	46	27	2270	0.34
BMNYLA4-T	BSMNYLA4-T	M10	102	41	16	1590	0.36
BMNYLB4-T	BSMNYLB4-T	M12	102	46	20	2270	0.40
BMNYLC4-T	BSMNYLC4-T	M16	102	48	22	2725	0.42
BMNYLD4-T	BSMNYLD4-T	M20	102	51	27	3409	0.50
BMNYLE4-T	BSMNYLE4-T	M24	102	60	35	3409	0.94

For non-skid elastomer pad, add **-EL** to the end of the part number. Add **1/16" (1.6mm)** to the overall height.  
For SocketLock™, add **-SL** to end of part number.

# PolyMounts™



Patent# US 6,742,750 B2

## Tapped Style 5" Dia. Base, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BNYLC5-T	BSNYLC5-T	5/8-11	5	3	1 1/16	10000	1.12
BNYLD5-T	BSNYLD5-T	3/4-10	5	3	1 1/16	10000	1.12
BNYLE5-T	BSNYLE5-T	1-8	5	3	1 3/8	10000	1.12
BNYLF5-T	BSNYLF5-T	1 1/8-7	5	3	1 3/8	10000	1.12

For SocketLock™, add **-SL** to the end of the part number.

## Tapped Style 5" Dia. Base, Metric

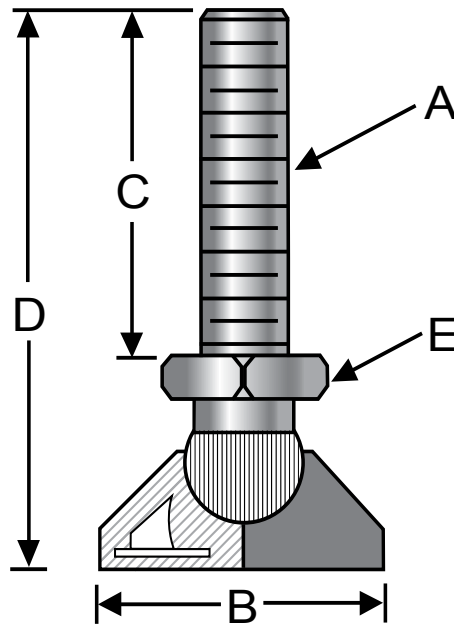
Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
BMNYLC5-T	BSMNYLC5-T	M16	127	76	27	4545	1.12
BMNYLD5-T	BSMNYLD5-T	M20	127	76	27	4545	1.12
BMNYLE5-T	BSMNYLE5-T	M24	127	76	35	4545	1.12
BMNYLF5-T	BSMNYLF5-T	M30	127	76	35	4545	1.12

For SocketLock™, add **-SL** to the end of the part number.

## Non-Skid Pad for 5" PolyMounts™

P/N	Base Dia	Total Height	Max Load (lbs)	Ship Wt. (lbs)
PMR-WH-5	5	.31	10000	0.3

# PolyMounts™



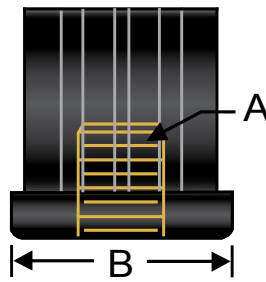
## Stud Style 2-3/8" Dia. Base, Inch

Steel P/N	303 Stainless P/N	Ni Plated Brass	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
BNYLB63	BSNYLB63	BRNYLB63	1/2-13	2 3/8	3	4 7/8	1	3000	0.52
BNYLB66	BSNYLB66	BRNYLB66	1/2-13	2 3/8	6	7 7/8	1	3000	0.64
BNYLC63	BSNYLC63	BRNYLC63	5/8-11	2 3/8	3	4 7/8	1	3500	0.68
BNYLC66	BSNYLC66	BRNYLC66	5/8-11	2 3/8	6	7 7/8	1	3500	0.80
BNYLD63	BSNYLD63	BRNYLD63	3/4-10	2 3/8	3	4 7/8	1	3500	0.90
BNYLD66	BSNYLD66	BRNYLD66	3/4-10	2 3/8	6	7 7/8	1	3500	1.01

## Stud Style 2-3/8" Dia. Base, Metric

Steel P/N	303 Stainless P/N	Ni Plated Brass	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MBNYLB63	MBSNYLB63	MBRNYLB63	M12	60	76	124	25	1360	0.52
MBNYLB66	MBSNYLB66	MBRNYLB66	M12	60	152	200	25	1360	0.64
MBNYLC63	MBSNYLC63	MBRNYLC63	M16	60	76	124	25	1590	0.68
MBNYLC66	MBSNYLC66	MBRNYLC66	M16	60	152	200	25	1590	0.80
MBNYLD63	MBSNYLD63	MBRNYLD63	M20	60	76	124	25	1590	0.90
MBNYLD66	MBSNYLD66	MBRNYLD66	M20	60	152	200	25	1590	1.01

# Tube Ends



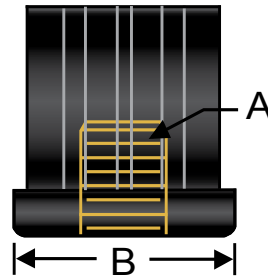
## Square-Inch

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall	Static Load (lbs)	Ship Wt (lbs)
TE1-2A	3/8-16	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2B	1/2-13	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2C	5/8-11	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2D	3/4-10	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-3A	3/8-16	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3B	1/2-13	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3C	5/8-11	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3D	3/4-10	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE2-1A	3/8-16	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1B	1/2-13	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1C	5/8-11	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1D	3/4-10	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-3A	3/8-16	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3B	1/2-13	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3C	5/8-11	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3D	3/4-10	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30

## Square-Metric

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall	Static Load (lbs)	Ship Wt (lbs)
TE1-2MA	M10	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2MB	M12	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2MC	M16	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-2MD	M20	1.5 sq.	16 ga. square	1.5 sq.	.065	1500	0.22
TE1-3MA	M10	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3MB	M12	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3MC	M16	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE1-3MD	M20	1.5 sq.	11 ga. square	1.5 sq.	.120	1500	0.22
TE2-1MA	M10	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1MB	M12	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1MC	M16	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-1MD	M20	2.0 sq.	16 ga. square	2.0 sq.	.065	2000	0.30
TE2-3MA	M10	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3MB	M12	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3MC	M16	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30
TE2-3MD	M20	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000	0.30

# Tube Ends



## Round-Inch

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall	Static Load (lbs)	Ship Wt (lbs)
TE1-1A	3/8-16	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1B	1/2-13	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1C	5/8-11	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1D	3/4-10	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-10A	3/8-16	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10B	1/2-13	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10C	5/8-11	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10D	3/4-10	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE2-2A	3/8-16	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2B	1/2-13	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2C	5/8-11	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2D	3/4-10	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30

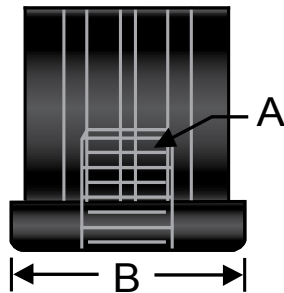
## Round-Metric

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall	Static Load (lbs)	Ship Wt (lbs)
TE1-1MA	M10	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1MB	M12	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1MC	M16	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-1MD	M20	1.5 dia	16 ga. round	1.5 dia.	.065	1500	0.22
TE1-10MA	M10	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10MB	M12	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10MC	M16	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE1-10MD	M20	2.0 dia	2.0" Sch 10 pipe	1.9 dia.	.109	2000	0.30
TE2-2MA	M10	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2MB	M12	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2MC	M16	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30
TE2-2MD	M20	2.0 dia	16 ga. round	2.0 dia.	.065	2000	0.30

# Polyglass Filled Nylon Tube End Adaptors

S&W's NEW Polyglass Filled Nylon Tube End Adaptors support more weight for a fraction of the cost of traditional brass plugged designs. S&W has spent six months and invested heavily in testing and support for this revolutionary new product. The polyglass material is stronger and more resilient. To use, simply hammer the product into the end of the commonly used pipes and tubes which support frames, support that won't crack, break, or fall apart (using manufacturer recommended guidelines). S&W tube end adaptors will work with the entire line of PolyMount™, Level-It®, Anti-Vibe® and Glide-Rite™ levelers, mounts, and glides.

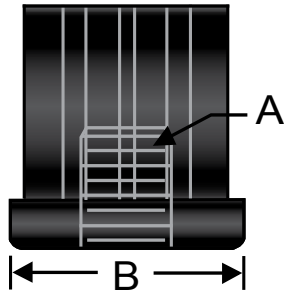
One Piece Design  
 Laboratory Tested  
 Heavy Duty  
 Supports up to 3500 lbs.  
 Corrosion Resistant (No Metal Parts)



## Square

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall
TEN1-2A	3/8-16	1.5 sq.	16 ga. square	1.5 sq.	.065
TEN1-2B	1/2-13	1.5 sq.	16 ga. square	1.5 sq.	.065
TEN1-2C	5/8-11	1.5 sq.	16 ga. square	1.5 sq.	.065
TEN1-2D	3/4-10	1.5 sq.	16 ga. square	1.5 sq.	.065
TEN1-3A	3/8-16	1.5 sq.	11 ga. square	1.5 sq.	.120
TEN1-3B	1/2-13	1.5 sq.	11 ga. square	1.5 sq.	.120
TEN1-3C	5/8-11	1.5 sq.	11 ga. square	1.5 sq.	.120
TEN1-3D	3/4-10	1.5 sq.	11 ga. square	1.5 sq.	.120
TEN2-1A	3/8-16	2.0 sq.	16 ga. square	2.0 sq.	.065
TEN2-1B	1/2-13	2.0 sq.	16 ga. square	2.0 sq.	.065
TEN2-1C	5/8-11	2.0 sq.	16 ga. square	2.0 sq.	.065
TEN2-1D	3/4-10	2.0 sq.	16 ga. square	2.0 sq.	.065
TEN2-3A	3/8-16	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120
TEN2-3B	1/2-13	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120
TEN2-3C	5/8-11	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120
TEN2-3D	3/4-10	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120

# Polyglass Filled Nylon Tube End Adaptors



## Round

P/N	Thread (A)	O.D. (B)	Tube Gauge Shape	Tube Outside Dia.	Tube Wall
TEN1-1A	3/8-16	1.5 dia.	16 ga. round	1.5 dia.	.065
TEN1-1B	1/2-13	1.5 dia.	16 ga. round	1.5 dia.	.065
TEN1-1C	5/8-11	1.5 dia.	16 ga. round	1.5 dia.	.065
TEN1-1D	3/4-10	1.5 dia.	16 ga. round	1.5 dia.	.065
TEN1-10A	3/8-16	2.0 dia.	2.0 Sch 10 pipe	1.9 dia.	.109
TEN1-10B	1/2-13	2.0 dia.	2.0 Sch 10 pipe	1.9 dia.	.109
TEN1-10C	5/8-11	2.0 dia.	2.0 Sch 10 pipe	1.9 dia.	.109
TEN1-10D	3/4-10	2.0 dia.	2.0 Sch 10 pipe	1.9 dia.	.109
TEN2-2A	3/8-16	2.0 dia.	16 ga. round	2.0 dia.	.065
TEN2-2B	1/2-13	2.0 dia.	16 ga. round	2.0 dia.	.065
TEN2-2C	5/8-11	2.0 dia.	16 ga. round	2.0 dia.	.065
TEN2-2D	3/4-10	2.0 dia.	16 ga. round	2.0 dia.	.065

# Tube Caps

## Heavy duty plastic tube caps, Inch

P/N	Tube Size (square)	Tube Size	Gauge Size
TC1-2	1 1/2	.065	16
TC1-3	1 1/2	.120	11
TC2-3	2	.120	11-12



# Teardrop Polymount™ Leveling Mounts

The base on this PolyMount™ makes it easier to drill and install a lag bolt. The teardrop shape offsets the single lag hole to the outside of the machine footprint. This offset provides the clearance necessary to drill the lag bolt hole without moving the machine. Use up to a ½" diameter lag bolt.



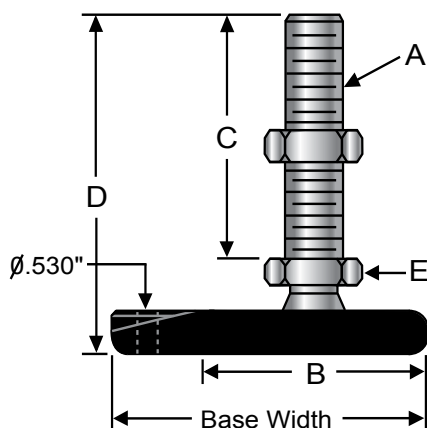
## Specifications:

- Glass-reinforced nylon base
- Studs are either low carbon steel with clear zinc plating or 303 stainless steel
- One-piece forged and roll-threaded stud
- Inch and metric sizes
- Mounts with studs furnished with jam nut
- Patent Pending

## Standard Options:

- Non-skid elastomer pad
- SocketLock™

# Teardrop PolyMounts™



Patent # US 6,742,750 B2

## Teardrop Base, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Base Width	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
TNYLB44	TSNYLB44	1/2-13	4	5 7/16	4	5 5/16	3/4	5000	0.60
TNYLB46	TSNYLB46	1/2-13	4	5 7/16	6	7 5/16	3/4	5000	0.68
TNYLB48	TSNYLB48	1/2-13	4	5 7/16	8	9 5/16	3/4	5000	0.82
TNYLC44	TSNYLC44	5/8-11	4	5 7/16	4	5 5/16	7/8	6000	0.75
TNYLC46	TSNYLC46	5/8-11	4	5 7/16	6	7 5/16	7/8	6000	0.90
TNYLC48	TSNYLC48	5/8-11	4	5 7/16	8	9 5/16	7/8	6000	1.07
TNYLD44	TSNYLD44	3/4-10	4	5 7/16	4	5 5/16	1 1/16	7500	0.90
TNYLD46	TSNYLD46	3/4-10	4	5 7/16	6	7 5/16	1 1/16	7500	1.04
TNYLD48	TSNYLD48	3/4-10	4	5 7/16	8	9 5/16	1 1/16	7500	1.34
TNYLE44	TSNYLE44	1-8	4	5 7/16	4	5 5/16	1 3/8	7500	1.26
TNYLE46	TSNYLE46	1-8	4	5 7/16	6	7 5/16	1 3/8	7500	1.64
TNYLE48	TSNYLE48	1-8	4	5 7/16	8	9 5/16	1 3/8	7500	2.02

For SocketLock™, add -SL to the end of the part number.

## Teardrop Base, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Base Width	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MTNYLB44	MTSNYLB44	M12	100	138	102	135	20	2270	0.60
MTNYLB46	MTSNYLB46	M12	100	138	152	185	20	2270	0.68
MTNYLB48	MTSNYLB48	M12	100	138	203	236	20	2270	0.82
MTNYLC44	MTSNYLC44	M16	100	138	102	135	22	2725	0.75
MTNYLC46	MTSNYLC46	M16	100	138	152	185	22	2725	0.90
MTNYLC48	MTSNYLC48	M16	100	138	203	236	22	2725	1.07
MTNYLD44	MTSNYLD44	M20	100	138	102	135	27	3409	0.90
MTNYLD46	MTSNYLD46	M20	100	138	152	185	27	3409	1.04
MTNYLD48	MTSNYLD48	M20	100	138	203	236	27	3409	1.34
MTNYLE44	MTSNYLE44	M24	100	138	102	135	35	3409	1.26
MTNYLE46	MTSNYLE46	M24	100	138	152	185	35	3409	1.64
MTNYLE48	MTSNYLE48	M24	100	138	203	236	35	3409	2.02

For SocketLock™, add -SL to the end of the part number.

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Get quote »

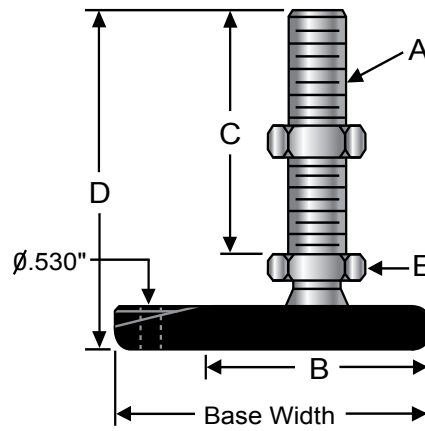
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com

# Teardrop PolyMounts™



Patent # US 6,742,750 B2

## Teardrop Base with Non-skid Pad, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Base Width	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
TNYLB44-EL	TSNYLB44-EL	1/2-13	4	5 7/16	4	5 5/8	3/4	5000	0.63
TNYLB46-EL	TSNYLB46-EL	1/2-13	4	5 7/16	6	7 5/8	3/4	5000	0.71
TNYLB48-EL	TSNYLB48-EL	1/2-13	4	5 7/16	8	9 5/8	3/4	5000	0.85
TNYLC44-EL	TSNYLC44-EL	5/8-11	4	5 7/16	4	5 5/8	7/8	6000	0.78
TNYLC46-EL	TSNYLC46-EL	5/8-11	4	5 7/16	6	7 5/8	7/8	6000	0.93
TNYLC48-EL	TSNYLC48-EL	5/8-11	4	5 7/16	8	9 5/8	7/8	6000	1.10
TNYLD44-EL	TSNYLD44-EL	3/4-10	4	5 7/16	4	5 5/8	1 1/16	7500	0.93
TNYLD46-EL	TSNYLD46-EL	3/4-10	4	5 7/16	6	7 5/8	1 1/16	7500	1.07
TNYLD48-EL	TSNYLD48-EL	3/4-10	4	5 7/16	8	9 5/8	1 1/16	7500	1.37
TNYLE44-EL	TSNYLE44-EL	1-8	4	5 7/16	4	5 5/8	1 3/8	7500	1.29
TNYLE46-EL	TSNYLE46-EL	1-8	4	5 7/16	6	7 5/8	1 3/8	7500	1.67
TNYLE48-EL	TSNYLE48-EL	1-8	4	5 7/16	8	9 5/8	1 3/8	7500	2.05

For SocketLock™, add -SL to the end of the part number.

## Teardrop Base with Non-skid Pad, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Base Width	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MTNYLB44-EL	MTSNYLB44-EL	M12	100	138	102	142	20	2270	0.63
MTNYLB46-EL	MTSNYLB46-EL	M12	100	138	152	193	20	2270	0.71
MTNYLB48-EL	MTSNYLB48-EL	M12	100	138	203	244	20	2270	0.85
MTNYLC44-EL	MTSNYLC44-EL	M16	100	138	102	142	22	2725	0.78
MTNYLC46-EL	MTSNYLC46-EL	M16	100	138	152	193	22	2725	0.93
MTNYLC48-EL	MTSNYLC48-EL	M16	100	138	203	244	22	2725	1.10
MTNYLD44-EL	MTSNYLD44-EL	M20	100	138	102	142	27	3409	0.93
MTNYLD46-EL	MTSNYLD46-EL	M20	100	138	152	193	27	3409	1.07
MTNYLD48-EL	MTSNYLD48-EL	M20	100	138	203	244	27	3409	1.37
MTNYLE44-EL	MTSNYLE44-EL	M24	100	138	102	142	35	3409	1.29
MTNYLE46-EL	MTSNYLE46-EL	M24	100	138	152	193	35	3409	1.67
MTNYLE48-EL	MTSNYLE48-EL	M24	100	138	203	244	35	3409	2.05

For SocketLock™, add -SL to the end of the part number.

# Low Profile Leveling Mounts

The Low Profile leveler is similar in construction to the Level-It™ mount, but the base has a much lower profile for those applications that require more clearance at the base. Often used on computer and office equipment, the low profile pad has a more streamlined look. Standard configurations include the option for a medium or heavy-duty anti-vibration/non-skid pad. Also available with a non-marking Delrin® base.



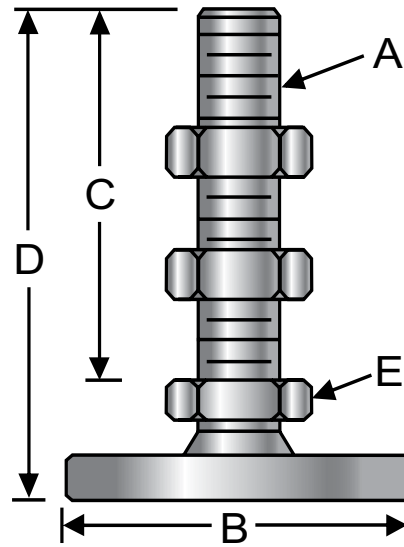
## Specifications:

- Low carbon steel with clear zinc finish or 303 stainless steel
- Inch and metric thread sizes
- Furnished with two jam nuts
- One-piece forged and roll-threaded stud
- Customize any base or stud

## Standard Options:

- Delrin® base
- Anti-vibration/Non-skid elastomer pad
- Lag holes
- Tapped style

# Low Profile Leveling Mounts



## Standard Base, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP1-A3	SLP1-A3	3/8-16	2	3	4	3/4	2000	0.46
LP1-A4	SLP1-A4	3/8-16	2	4	5	3/4	2000	0.50
LP1-A6	SLP1-A6	3/8-16	2	6	7	3/4	2000	0.52
LP1-A8	SLP1-A8	3/8-16	2	8	9	3/4	2000	0.58
LP1-B3	SLP1-B3	1/2-13	2	3	4	3/4	3500	0.52
LP1-B4	SLP1-B4	1/2-13	2	4	5	3/4	3500	0.62
LP1-B6	SLP1-B6	1/2-13	2	6	7	3/4	3500	0.70
LP1-B8	SLP1-B8	1/2-13	2	8	9	3/4	3500	0.80
LP1-C3	SLP1-C3	5/8-11	2	3	4	7/8	5000	0.64
LP1-C4	SLP1-C4	5/8-11	2	4	5	7/8	5000	0.82
LP1-C6	SLP1-C6	5/8-11	2	6	7	7/8	5000	0.96
LP1-C8	SLP1-C8	5/8-11	2	8	9	7/8	5000	1.12
LP2-A3	SLP2-A3	3/8-16	2 1/2	3	4	3/4	2000	0.60
LP2-A4	SLP2-A4	3/8-16	2 1/2	4	5	3/4	2000	0.62
LP2-A6	SLP2-A6	3/8-16	2 1/2	6	7	3/4	2000	0.66
LP2-A8	SLP2-A8	3/8-16	2 1/2	8	9	3/4	2000	0.70
LP2-B3	SLP2-B3	1/2-13	2 1/2	3	4	3/4	3500	0.70
LP2-B4	SLP2-B4	1/2-13	2 1/2	4	5	3/4	3500	0.74
LP2-B6	SLP2-B6	1/2-13	2 1/2	6	7	3/4	3500	0.84
LP2-B8	SLP2-B8	1/2-13	2 1/2	8	9	3/4	3500	0.92
LP2-C3	SLP2-C3	5/8-11	2 1/2	3	4	7/8	5000	0.84
LP2-C4	SLP2-C4	5/8-11	2 1/2	4	5	7/8	5000	0.94
LP2-C6	SLP2-C6	5/8-11	2 1/2	6	7	7/8	5000	1.08
LP2-C8	SLP2-C8	5/8-11	2 1/2	8	9	7/8	5000	1.24

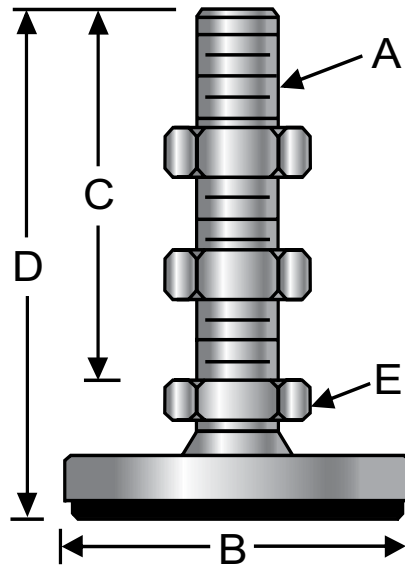
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# Low Profile Leveling Mounts

## Standard Base, Inch - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP3-A3	SLP3-A3	3/8-16	3	3	4	3/4	2000	0.80
LP3-A4	SLP3-A4	3/8-16	3	4	5	3/4	2000	0.85
LP3-A6	SLP3-A6	3/8-16	3	6	7	3/4	2000	0.90
LP3-A8	SLP3-A8	3/8-16	3	8	9	3/4	2000	0.95
LP3-B3	SLP3-B3	1/2-13	3	3	4	3/4	3500	1.06
LP3-B4	SLP3-B4	1/2-13	3	4	5	3/4	3500	1.12
LP3-B6	SLP3-B6	1/2-13	3	6	7	3/4	3500	1.22
LP3-B8	SLP3-B8	1/2-13	3	8	9	3/4	3500	1.32
LP3-C3	SLP3-C3	5/8-11	3	3	4	7/8	5000	1.20
LP3-C4	SLP3-C4	5/8-11	3	4	5	7/8	5000	1.30
LP3-C6	SLP3-C6	5/8-11	3	6	7	7/8	5000	1.40
LP3-C8	SLP3-C8	5/8-11	3	8	9	7/8	5000	1.50
LP3-D3	SLP3-D3	3/4-10	3	3	4	1 1/16	6000	1.42
LP3-D4	SLP3-D4	3/4-10	3	4	5	1 1/16	6000	1.52
LP3-D6	SLP3-D6	3/4-10	3	6	7	1 1/16	6000	1.62
LP3-D8	SLP3-D8	3/4-10	3	8	9	1 1/16	6000	1.72
LP4-B3	SLP4-B3	1/2-13	4	3	4	3/4	3500	1.38
LP4-B4	SLP4-B4	1/2-13	4	4	5	3/4	3500	1.42
LP4-B6	SLP4-B6	1/2-13	4	6	7	3/4	3500	1.54
LP4-B8	SLP4-B8	1/2-13	4	8	9	3/4	3500	1.64
LP4-C3	SLP4-C3	5/8-11	4	3	4	7/8	5000	1.52
LP4-C4	SLP4-C4	5/8-11	4	4	5	7/8	5000	1.62
LP4-C6	SLP4-C6	5/8-11	4	6	7	7/8	5000	1.72
LP4-C8	SLP4-C8	5/8-11	4	8	9	7/8	5000	1.82
LP4-D3	SLP4-D3	3/4-10	4	3	4	1 1/16	6000	1.72
LP4-D4	SLP4-D4	3/4-10	4	4	5	1 1/16	6000	1.84
LP4-D6	SLP4-D6	3/4-10	4	6	7	1 1/16	6000	2.04
LP4-D8	SLP4-D8	3/4-10	4	8	9	1 1/16	6000	2.18
LP4-E3	SLP4-E3	1-8	4	3	4	1 3/8	7500	2.13
LP4-E4	SLP4-E4	1-8	4	4	5	1 3/8	7500	2.25
LP4-E6	SLP4-E6	1-8	4	6	7	1 3/8	7500	2.40
LP4-E8	SLP4-E8	1-8	4	8	9	1 3/8	7500	2.57
LP5-C3	SLP5-C3	5/8-11	6	3	4	7/8	5000	3.50
LP5-C4	SLP5-C4	5/8-11	6	4	5	7/8	5000	3.60
LP5-C6	SLP5-C6	5/8-11	6	6	7	7/8	5000	3.74
LP5-C8	SLP5-C8	5/8-11	6	8	9	7/8	5000	3.90
LP5-D3	SLP5-D3	3/4-10	6	3	4	1 1/16	6000	3.70
LP5-D4	SLP5-D4	3/4-10	6	4	5	1 1/16	6000	3.82
LP5-D6	SLP5-D6	3/4-10	6	6	7	1 1/16	6000	4.02
LP5-D8	SLP5-D8	3/4-10	6	8	9	1 1/16	6000	4.28
LP5-E3	SLP5-E3	1-8	6	3	4	1 3/8	7500	3.93
LP5-E4	SLP5-E4	1-8	6	4	5	1 3/8	7500	4.05
LP5-E6	SLP5-E6	1-8	6	6	7	1 3/8	7500	4.14
LP5-E8	SLP5-E8	1-8	6	8	9	1 3/8	7500	4.38

# Low Profile Leveling Mounts



## Light-duty Vibration Pad, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP1-A3L	SLP1-A3L	3/8-16	2	3	4 7/16	3/4	1500	0.42
LP1-A4L	SLP1-A4L	3/8-16	2	4	5 7/16	3/4	1500	0.48
LP1-A6L	SLP1-A6L	3/8-16	2	6	7 7/16	3/4	1500	0.50
LP1-A8L	SLP1-A8L	3/8-16	2	8	9 7/16	3/4	1500	0.58
LP1-B3L	SLP1-B3L	1/2-13	2	3	4 7/16	3/4	3000	0.56
LP1-B4L	SLP1-B4L	1/2-13	2	4	5 7/16	3/4	3000	0.60
LP1-B6L	SLP1-B6L	1/2-13	2	6	7 7/16	3/4	3000	0.65
LP1-B8L	SLP1-B8L	1/2-13	2	8	9 7/16	3/4	3000	0.68
LP1-C3L	SLP1-C3L	5/8-11	2	3	4 7/16	7/8	4500	0.70
LP1-C4L	SLP1-C4L	5/8-11	2	4	5 7/16	7/8	4500	0.80
LP1-C6L	SLP1-C6L	5/8-11	2	6	7 7/16	7/8	4500	0.94
LP1-C8L	SLP1-C8L	5/8-11	2	8	9 7/16	7/8	4500	1.10
LP2-A3L	SLP2-A3L	3/8-16	2 1/2	3	4 7/16	3/4	1500	0.56
LP2-A4L	SLP2-A4L	3/8-16	2 1/2	4	5 7/16	3/4	1500	0.60
LP2-A6L	SLP2-A6L	3/8-16	2 1/2	6	7 7/16	3/4	1500	0.62
LP2-A8L	SLP2-A8L	3/8-16	2 1/2	8	9 7/16	3/4	1500	0.66
LP2-B3L	SLP2-B3L	1/2-13	2 1/2	3	4 7/16	3/4	3000	0.66
LP2-B4L	SLP2-B4L	1/2-13	2 1/2	4	5 7/16	3/4	3000	0.70
LP2-B6L	SLP2-B6L	1/2-13	2 1/2	6	7 7/16	3/4	3000	0.80
LP2-B8L	SLP2-B8L	1/2-13	2 1/2	8	9 7/16	3/4	3000	0.90
LP2-C3L	SLP2-C3L	5/8-11	2 1/2	3	4 7/16	7/8	4500	0.88
LP2-C4L	SLP2-C4L	5/8-11	2 1/2	4	5 7/16	7/8	4500	0.92
LP2-C6L	SLP2-C6L	5/8-11	2 1/2	6	7 7/16	7/8	4500	1.04
LP2-C8L	SLP2-C8L	5/8-11	2 1/2	8	9 7/16	7/8	4500	1.16

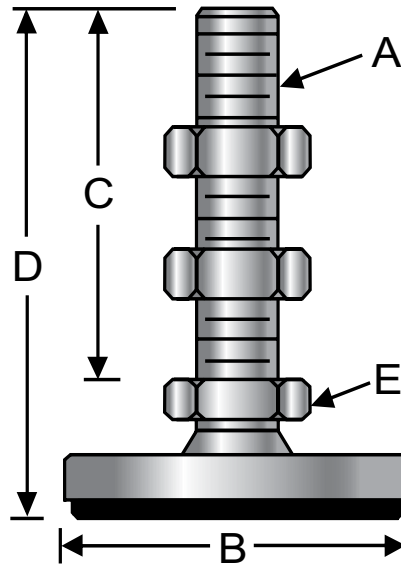
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# Low Profile Leveling Mounts

## Light-duty Vibration Pad, Inch - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP3-A3L	SLP3-A3L	3/8-16	3	3	4 7/16	3/4	1500	0.79
LP3-A4L	SLP3-A4L	3/8-16	3	4	5 7/16	3/4	1500	0.83
LP3-A6L	SLP3-A6L	3/8-16	3	6	7 7/16	3/4	1500	0.87
LP3-A8L	SLP3-A8L	3/8-16	3	8	9 7/16	3/4	1500	0.91
LP3-B3L	SLP3-B3L	1/2-13	3	3	4 7/16	3/4	3000	0.89
LP3-B4L	SLP3-B4L	1/2-13	3	4	5 7/16	3/4	3000	0.94
LP3-B6L	SLP3-B6L	1/2-13	3	6	7 7/16	3/4	3000	1.01
LP3-B8L	SLP3-B8L	1/2-13	3	8	9 7/16	3/4	3000	1.06
LP3-C3L	SLP3-C3L	5/8-11	3	3	4 7/16	7/8	4500	0.94
LP3-C4L	SLP3-C4L	5/8-11	3	4	5 7/16	7/8	4500	1.22
LP3-C6L	SLP3-C6L	5/8-11	3	6	7 7/16	7/8	4500	1.34
LP3-C8L	SLP3-C8L	5/8-11	3	8	9 7/16	7/8	4500	1.46
LP3-D3L	SLP3-D3L	3/4-10	3	3	4 7/16	1 1/16	5500	1.12
LP3-D4L	SLP3-D4L	3/4-10	3	4	5 7/16	1 1/16	5500	1.27
LP3-D6L	SLP3-D6L	3/4-10	3	6	7 7/16	1 1/16	5500	1.42
LP3-D8L	SLP3-D8L	3/4-10	3	8	9 7/16	1 1/16	5500	1.56
LP4-B3L	SLP4-B3L	1/2-13	4	3	4 7/16	3/4	3000	1.36
LP4-B4L	SLP4-B4L	1/2-13	4	4	5 7/16	3/4	3000	1.40
LP4-B6L	SLP4-B6L	1/2-13	4	6	7 7/16	3/4	3000	1.48
LP4-B8L	SLP4-B8L	1/2-13	4	8	9 7/16	3/4	3000	1.58
LP4-C3L	SLP4-C3L	5/8-11	4	3	4 7/16	7/8	4500	1.58
LP4-C4L	SLP4-C4L	5/8-11	4	4	5 7/16	7/8	4500	1.60
LP4-C6L	SLP4-C6L	5/8-11	4	6	7 7/16	7/8	4500	1.74
LP4-C8L	SLP4-C8L	5/8-11	4	8	9 7/16	7/8	4500	1.90
LP4-D3L	SLP4-D3L	3/4-10	4	3	4 7/16	1 1/16	5500	1.70
LP4-D4L	SLP4-D4L	3/4-10	4	4	5 7/16	1 1/16	5500	1.85
LP4-D6L	SLP4-D6L	3/4-10	4	6	7 7/16	1 1/16	5500	2.02
LP4-D8L	SLP4-D8L	3/4-10	4	8	9 7/16	1 1/16	5500	2.22
LP4-E3L	SLP4-E3L	1-8	4	3	4 7/16	1 3/8	6500	2.11
LP4-E4L	SLP4-E4L	1-8	4	4	5 7/16	1 3/8	6500	2.23
LP4-E6L	SLP4-E6L	1-8	4	6	7 7/16	1 3/8	6500	2.38
LP4-E8L	SLP4-E8L	1-8	4	8	9 7/16	1 3/8	6500	2.55
LP5-C3L	SLP5-C3L	5/8-11	6	3	4 7/16	7/8	4500	3.43
LP5-C4L	SLP5-C4L	5/8-11	6	4	5 7/16	7/8	4500	3.54
LP5-C6L	SLP5-C6L	5/8-11	6	6	7 7/16	7/8	4500	3.68
LP5-C8L	SLP5-C8L	5/8-11	6	8	9 7/16	7/8	4500	3.82
LP5-D3L	SLP5-D3L	3/4-10	6	3	4 7/16	1 1/16	5500	3.62
LP5-D4L	SLP5-D4L	3/4-10	6	4	5 7/16	1 1/16	5500	3.74
LP5-D6L	SLP5-D6L	3/4-10	6	6	7 7/16	1 1/16	5500	3.94
LP5-D8L	SLP5-D8L	3/4-10	6	8	9 7/16	1 1/16	5500	4.10
LP5-E3L	SLP5-E3L	1-8	6	3	4 7/16	1 3/8	6500	3.91
LP5-E4L	SLP5-E4L	1-8	6	4	5 7/16	1 3/8	6500	4.03
LP5-E6L	SLP5-E6L	1-8	6	6	7 7/16	1 3/8	6500	4.12
LP5-E8L	SLP5-E8L	1-8	6	8	9 7/16	1 3/8	6500	4.36

# Low Profile Leveling Mounts



## Heavy-duty Vibration Pad, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP1-A3H	SLP1-A3H	3/8-16	2	3	4 9/16	3/4	2000	0.46
LP1-A4H	SLP1-A4H	3/8-16	2	4	5 9/16	3/4	2000	0.48
LP1-A6H	SLP1-A6H	3/8-16	2	6	7 9/16	3/4	2000	0.52
LP1-A8H	SLP1-A8H	3/8-16	2	8	9 9/16	3/4	2000	0.54
LP1-B3H	SLP1-B3H	1/2-13	2	3	4 9/16	3/4	3500	0.56
LP1-B4H	SLP1-B4H	1/2-13	2	4	5 9/16	3/4	3500	0.60
LP1-B6H	SLP1-B6H	1/2-13	2	6	7 9/16	3/4	3500	0.68
LP1-B8H	SLP1-B8H	1/2-13	2	8	9 9/16	3/4	3500	0.76
LP1-C3H	SLP1-C3H	5/8-11	2	3	4 9/16	7/8	5000	0.70
LP1-C4H	SLP1-C4H	5/8-11	2	4	5 9/16	7/8	5000	0.80
LP1-C6H	SLP1-C6H	5/8-11	2	6	7 9/16	7/8	5000	0.94
LP1-C8H	SLP1-C8H	5/8-11	2	8	9 9/16	7/8	5000	1.10
LP2-A3H	SLP2-A3H	3/8-16	2 1/2	3	4 9/16	3/4	2000	0.58
LP2-A4H	SLP2-A4H	3/8-16	2 1/2	4	5 9/16	3/4	2000	0.62
LP2-A6H	SLP2-A6H	3/8-16	2 1/2	6	7 9/16	3/4	2000	0.66
LP2-A8H	SLP2-A8H	3/8-16	2 1/2	8	9 9/16	3/4	2000	0.70
LP2-B3H	SLP2-B3H	1/2-13	2 1/2	3	4 9/16	3/4	3500	0.68
LP2-B4H	SLP2-B4H	1/2-13	2 1/2	4	5 9/16	3/4	3500	0.72
LP2-B6H	SLP2-B6H	1/2-13	2 1/2	6	7 9/16	3/4	3500	0.87
LP2-B8H	SLP2-B8H	1/2-13	2 1/2	8	9 9/16	3/4	3500	0.90
LP2-C3H	SLP2-C3H	5/8-11	2 1/2	3	4 9/16	7/8	5000	0.82
LP2-C4H	SLP2-C4H	5/8-11	2 1/2	4	5 9/16	7/8	5000	0.92
LP2-C6H	SLP2-C6H	5/8-11	2 1/2	6	7 9/16	7/8	5000	1.06
LP2-C8H	SLP2-C8H	5/8-11	2 1/2	8	9 9/16	7/8	5000	1.20

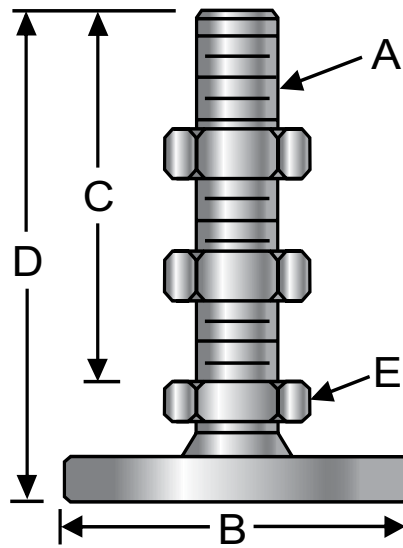
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# Low Profile Leveling Mounts

## Heavy-duty Vibration Pad, Inch - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
LP3-A3H	SLP3-A3H	3/8-16	3	3	4 9/16	3/4	2000	0.92
LP3-A4H	SLP3-A4H	3/8-16	3	4	5 9/16	3/4	2000	0.96
LP3-A6H	SLP3-A6H	3/8-16	3	6	7 9/16	3/4	2000	1.00
LP3-A8H	SLP3-A8H	3/8-16	3	8	9 9/16	3/4	2000	1.05
LP3-B3H	SLP3-B3H	1/2-13	3	3	4 9/16	3/4	3500	0.97
LP3-B4H	SLP3-B4H	1/2-13	3	4	5 9/16	3/4	3500	1.02
LP3-B6H	SLP3-B6H	1/2-13	3	6	7 9/16	3/4	3500	1.12
LP3-B8H	SLP3-B8H	1/2-13	3	8	9 9/16	3/4	3500	1.20
LP3-C3H	SLP3-C3H	5/8-11	3	3	4 9/16	7/8	5000	1.12
LP3-C4H	SLP3-C4H	5/8-11	3	4	5 9/16	7/8	5000	1.25
LP3-C6H	SLP3-C6H	5/8-11	3	6	7 9/16	7/8	5000	1.38
LP3-C8H	SLP3-C8H	5/8-11	3	8	9 9/16	7/8	5000	1.52
LP3-D3H	SLP3-D3H	3/4-10	3	3	4 9/16	1 1/16	6000	1.31
LP3-D4H	SLP3-D4H	3/4-10	3	4	5 9/16	1 1/16	6000	1.44
LP3-D6H	SLP3-D6H	3/4-10	3	6	7 9/16	1 1/16	6000	1.64
LP3-D8H	SLP3-D8H	3/4-10	3	8	9 9/16	1 1/16	6000	1.84
LP4-B3H	SLP4-B3H	1/2-13	4	3	4 9/16	3/4	3000	1.44
LP4-B4H	SLP4-B4H	1/2-13	4	4	5 9/16	3/4	3000	1.50
LP4-B6H	SLP4-B6H	1/2-13	4	6	7 9/16	3/4	3000	1.56
LP4-B8H	SLP4-B8H	1/2-13	4	8	9 9/16	3/4	3000	1.62
LP4-C3H	SLP4-C3H	5/8-11	4	3	4 9/16	7/8	4500	1.58
LP4-C4H	SLP4-C4H	5/8-11	4	4	5 9/16	7/8	4500	1.70
LP4-C6H	SLP4-C6H	5/8-11	4	6	7 9/16	7/8	4500	1.82
LP4-C8H	SLP4-C8H	5/8-11	4	8	9 9/16	7/8	4500	1.98
LP4-D3H	SLP4-D3H	3/4-10	4	3	4 9/16	1 1/16	6000	1.78
LP4-D4H	SLP4-D4H	3/4-10	4	4	5 9/16	1 1/16	6000	1.90
LP4-D6H	SLP4-D6H	3/4-10	4	6	7 9/16	1 1/16	6000	2.10
LP4-D8H	SLP4-D8H	3/4-10	4	8	9 9/16	1 1/16	6000	2.30
LP4-E3H	SLP4-E3H	1-8	4	3	4 9/16	1 3/8	7000	2.03
LP4-E4H	SLP4-E4H	1-8	4	4	5 9/16	1 3/8	7000	2.15
LP4-E6H	SLP4-E6H	1-8	4	6	7 9/16	1 3/8	7000	2.28
LP4-E8H	SLP4-E8H	1-8	4	8	9 9/16	1 3/8	7000	2.43
LP5-C3H	SLP5-C3H	5/8-11	6	3	4 9/16	7/8	4500	3.60
LP5-C4H	SLP5-C4H	5/8-11	6	4	5 9/16	7/8	4500	3.72
LP5-C6H	SLP5-C6H	5/8-11	6	6	7 9/16	7/8	4500	3.86
LP5-C8H	SLP5-C8H	5/8-11	6	8	9 9/16	7/8	4500	4.00
LP5-D3H	SLP5-D3H	3/4-10	6	3	4 9/16	1 1/16	6000	3.87
LP5-D4H	SLP5-D4H	3/4-10	6	4	5 9/16	1 1/16	6000	3.92
LP5-D6H	SLP5-D6H	3/4-10	6	6	7 9/16	1 1/16	6000	4.12
LP5-D8H	SLP5-D8H	3/4-10	6	8	9 9/16	1 1/16	6000	4.34
LP5-E3H	SLP5-E3H	1-8	6	3	4 9/16	1 3/8	7000	4.16
LP5-E4H	SLP5-E4H	1-8	6	4	5 9/16	1 3/8	7000	4.21
LP5-E6H	SLP5-E6H	1-8	6	6	7 9/16	1 3/8	7000	4.30
LP5-E8H	SLP5-E8H	1-8	6	8	9 9/16	1 3/8	7000	4.50

# Low Profile Leveling Mounts



## Standard Base, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP1-A3	MSLP1-A3	M10	51	76	102	20	909	0.46
MLP1-A4	MSLP1-A4	M10	51	102	127	20	909	0.50
MLP1-A6	MSLP1-A6	M10	51	152	178	20	909	0.52
MLP1-A8	MSLP1-A8	M10	51	203	229	20	909	0.58
MLP1-B3	MSLP1-B3	M12	51	76	102	20	1590	0.52
MLP1-B4	MSLP1-B4	M12	51	102	127	20	1590	0.62
MLP1-B6	MSLP1-B6	M12	51	152	178	20	1590	0.70
MLP1-B8	MSLP1-B8	M12	51	203	229	20	1590	0.80
MLP1-C3	MSLP1-C3	M16	51	76	102	22	2272	0.64
MLP1-C4	MSLP1-C4	M16	51	102	127	22	2272	0.82
MLP1-C6	MSLP1-C6	M16	51	152	178	22	2272	0.96
MLP1-C8	MSLP1-C8	M16	51	203	229	22	2272	1.12
MLP2-A3	MSLP2-A3	M10	64	76	102	20	909	0.60
MLP2-A4	MSLP2-A4	M10	64	102	127	20	909	0.62
MLP2-A6	MSLP2-A6	M10	64	152	178	20	909	0.66
MLP2-A8	MSLP2-A8	M10	64	203	229	20	909	0.70
MLP2-B3	MSLP2-B3	M12	64	76	102	20	1590	0.70
MLP2-B4	MSLP2-B4	M12	64	102	127	20	1590	0.74
MLP2-B6	MSLP2-B6	M12	64	152	178	20	1590	0.84
MLP2-B8	MSLP2-B8	M12	64	203	229	20	1590	0.92
MLP2-C3	MSLP2-C3	M16	64	76	102	22	2272	0.84
MLP2-C4	MSLP2-C4	M16	64	102	127	22	2272	0.94
MLP2-C6	MSLP2-C6	M16	64	152	178	22	2272	1.08
MLP2-C8	MSLP2-C8	M16	64	203	229	22	2272	1.24

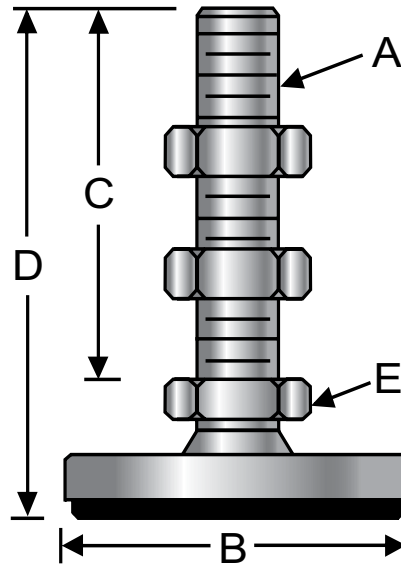
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# Low Profile Leveling Mounts

## Standard Base, Metric - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP3-A3	MSLP3-A3	M10	76	76	102	20	909	0.80
MLP3-A4	MSLP3-A4	M10	76	102	127	20	909	0.85
MLP3-A6	MSLP3-A6	M10	76	152	178	20	909	0.90
MLP3-A8	MSLP3-A8	M10	76	203	229	20	909	0.95
MLP3-B3	MSLP3-B3	M12	76	76	102	20	1590	1.06
MLP3-B4	MSLP3-B4	M12	76	102	127	20	1590	1.12
MLP3-B6	MSLP3-B6	M12	76	152	178	20	1590	1.22
MLP3-B8	MSLP3-B8	M12	76	203	229	20	1590	1.32
MLP3-C3	MSLP3-C3	M16	76	76	102	22	2272	1.20
MLP3-C4	MSLP3-C4	M16	76	102	127	22	2272	1.30
MLP3-C6	MSLP3-C6	M16	76	152	178	22	2272	1.40
MLP3-C8	MSLP3-C8	M16	76	203	229	22	2272	1.50
MLP3-D3	MSLP3-D3	M20	76	76	102	27	2727	1.42
MLP3-D4	MSLP3-D4	M20	76	102	127	27	2727	1.52
MLP3-D6	MSLP3-D6	M20	76	152	178	27	2727	1.62
MLP3-D8	MSLP3-D8	M20	76	203	229	27	2727	1.72
MLP4-B3	MSLP4-B3	M12	102	76	102	20	1590	1.38
MLP4-B4	MSLP4-B4	M12	102	102	127	20	1590	1.42
MLP4-B6	MSLP4-B6	M12	102	152	178	20	1590	1.54
MLP4-B8	MSLP4-B8	M12	102	203	229	20	1590	1.64
MLP4-C3	MSLP4-C3	M16	102	76	102	22	2272	1.52
MLP4-C4	MSLP4-C4	M16	102	102	127	22	2272	1.62
MLP4-C6	MSLP4-C6	M16	102	152	178	22	2272	1.72
MLP4-C8	MSLP4-C8	M16	102	203	229	22	2272	1.82
MLP4-D3	MSLP4-D3	M20	102	76	102	27	2727	1.72
MLP4-D4	MSLP4-D4	M20	102	102	127	27	2727	1.84
MLP4-D6	MSLP4-D6	M20	102	152	178	27	2727	2.04
MLP4-D8	MSLP4-D8	M20	102	203	229	27	2727	2.18
MLP4-E3	MSLP4-E3	M24	102	76	102	35	3409	2.13
MLP4-E4	MSLP4-E4	M24	102	102	127	35	3409	2.25
MLP4-E6	MSLP4-E6	M24	102	152	178	35	3409	2.40
MLP4-E8	MSLP4-E8	M24	102	203	229	35	3409	2.57
MLP5-C3	MSLP5-C3	M16	152	76	102	22	2272	3.50
MLP5-C4	MSLP5-C4	M16	152	102	127	22	2272	3.60
MLP5-C6	MSLP5-C6	M16	152	152	178	22	2272	3.74
MLP5-C8	MSLP5-C8	M16	152	203	229	22	2272	3.90
MLP5-D3	MSLP5-D3	M20	152	76	102	27	2727	3.70
MLP5-D4	MSLP5-D4	M20	152	102	127	27	2727	3.82
MLP5-D6	MSLP5-D6	M20	152	152	178	27	2727	4.02
MLP5-D8	MSLP5-D8	M20	152	203	229	27	2727	4.28
MLP5-E3	MSLP5-E3	M24	152	76	102	35	3409	3.93
MLP5-E4	MSLP5-E4	M24	152	102	127	35	3409	4.05
MLP5-E6	MSLP5-E6	M24	152	152	178	35	3409	4.14
MLP5-E8	MSLP5-E8	M24	152	203	229	35	3409	4.38

## Low Profile Leveling Mounts



## Light-duty Vibration Pad, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP1-A3L	MSLP1-A3L	M10	51	76	113	20	680	0.42
MLP1-A4L	MSLP1-A4L	M10	51	102	138	20	680	0.48
MLP1-A6L	MSLP1-A6L	M10	51	152	189	20	680	0.50
MLP1-A8L	MSLP1-A8L	M10	51	203	240	20	680	0.58
MLP1-B3L	MSLP1-B3L	M12	51	76	113	20	1364	0.56
MLP1-B4L	MSLP1-B4L	M12	51	102	138	20	1364	0.60
MLP1-B6L	MSLP1-B6L	M12	51	152	189	20	1364	0.65
MLP1-B8L	MSLP1-B8L	M12	51	203	240	20	1364	0.68
MLP1-C3L	MSLP1-C3L	M16	51	76	113	22	2045	0.70
MLP1-C4L	MSLP1-C4L	M16	51	102	138	22	2045	0.80
MLP1-C6L	MSLP1-C6L	M16	51	152	189	22	2045	0.94
MLP1-C8L	MSLP1-C8L	M16	51	203	240	22	2045	1.10
MLP2-A3L	MSLP2-A3L	M10	64	76	113	20	680	0.56
MLP2-A4L	MSLP2-A4L	M10	64	102	138	20	680	0.60
MLP2-A6L	MSLP2-A6L	M10	64	152	189	20	680	0.62
MLP2-A8L	MSLP2-A8L	M10	64	203	240	20	680	0.66
MLP2-B3L	MSLP2-B3L	M12	64	76	113	20	1364	0.66
MLP2-B4L	MSLP2-B4L	M12	64	102	138	20	1364	0.70
MLP2-B6L	MSLP2-B6L	M12	64	152	189	20	1364	0.80
MLP2-B8L	MSLP2-B8L	M12	64	203	240	20	1364	0.90
MLP2-C3L	MSLP2-C3L	M16	64	76	113	22	2045	0.88
MLP2-C4L	MSLP2-C4L	M16	64	102	138	22	2045	0.92
MLP2-C6L	MSLP2-C6L	M16	64	152	189	22	2045	1.04
MLP2-C8L	MSLP2-C8L	M16	64	203	240	22	2045	1.16

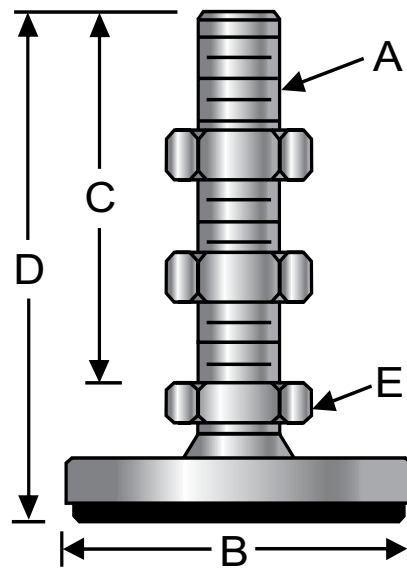
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# Low Profile Leveling Mounts

## Light-duty Vibration Pad, Metric - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP3-A3L	MSLP3-A3L	M10	76	76	113	20	680	0.79
MLP3-A4L	MSLP3-A4L	M10	76	102	138	20	680	0.83
MLP3-A6L	MSLP3-A6L	M10	76	152	189	20	680	0.87
MLP3-A8L	MSLP3-A8L	M10	76	203	240	20	680	0.91
MLP3-B3L	MSLP3-B3L	M12	76	76	113	20	1364	0.89
MLP3-B4L	MSLP3-B4L	M12	76	102	138	20	1364	0.94
MLP3-B6L	MSLP3-B6L	M12	76	152	189	20	1364	1.01
MLP3-B8L	MSLP3-B8L	M12	76	203	240	20	1364	1.06
MLP3-C3L	MSLP3-C3L	M16	76	76	113	22	2045	0.94
MLP3-C4L	MSLP3-C4L	M16	76	102	138	22	2045	1.22
MLP3-C6L	MSLP3-C6L	M16	76	152	189	22	2045	1.34
MLP3-C8L	MSLP3-C8L	M16	76	203	240	22	2045	1.46
MLP3-D3L	MSLP3-D3L	M20	76	76	113	27	2500	1.12
MLP3-D4L	MSLP3-D4L	M20	76	102	138	27	2500	1.27
MLP3-D6L	MSLP3-D6L	M20	76	152	189	27	2500	1.42
MLP3-D8L	MSLP3-D8L	M20	76	203	240	27	2500	1.56
MLP4-B3L	MSLP4-B3L	M12	102	76	113	20	1364	1.36
MLP4-B4L	MSLP4-B4L	M12	102	102	138	20	1364	1.40
MLP4-B6L	MSLP4-B6L	M12	102	152	189	20	1364	1.48
MLP4-B8L	MSLP4-B8L	M12	102	203	240	20	1364	1.58
MLP4-C3L	MSLP4-C3L	M16	102	76	113	22	2045	1.58
MLP4-C4L	MSLP4-C4L	M16	102	102	138	22	2045	1.60
MLP4-C6L	MSLP4-C6L	M16	102	152	189	22	2045	1.74
MLP4-C8L	MSLP4-C8L	M16	102	203	240	22	2045	1.90
MLP4-D3L	MSLP4-D3L	M20	102	76	113	27	2500	1.70
MLP4-D4L	MSLP4-D4L	M20	102	102	138	27	2500	1.85
MLP4-D6L	MSLP4-D6L	M20	102	152	189	27	2500	2.02
MLP4-D8L	MSLP4-D8L	M20	102	203	240	27	2500	2.22
MLP4-E3L	MSLP4-E3L	M24	102	76	113	35	2955	2.11
MLP4-E4L	MSLP4-E4L	M24	102	102	138	35	2955	2.23
MLP4-E6L	MSLP4-E6L	M24	102	152	189	35	2955	2.38
MLP4-E8L	MSLP4-E8L	M24	102	203	240	35	2955	2.55
MLP5-C3L	MSLP5-C3L	M16	152	76	113	22	2045	3.43
MLP5-C4L	MSLP5-C4L	M16	152	102	138	22	2045	3.54
MLP5-C6L	MSLP5-C6L	M16	152	152	189	22	2045	3.68
MLP5-C8L	MSLP5-C8L	M16	152	203	240	22	2045	3.82
MLP5-D3L	MSLP5-D3L	M20	152	76	113	27	2500	3.62
MLP5-D4L	MSLP5-D4L	M20	152	102	138	27	2500	3.74
MLP5-D6L	MSLP5-D6L	M20	152	152	189	27	2500	3.94
MLP5-D8L	MSLP5-D8L	M20	152	203	240	27	2500	4.10
MLP5-E3L	MSLP5-E3L	M24	152	76	113	35	2955	3.91
MLP5-E4L	MSLP5-E4L	M24	152	102	138	35	2955	4.03
MLP5-E6L	MSLP5-E6L	M24	152	152	189	35	2955	4.12
MLP5-E8L	MSLP5-E8L	M24	152	203	240	35	2955	4.36

## Low Profile Leveling Mounts



## Heavy-duty Vibration Pad, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP1-A3H	MSLP1-A3H	M10	51	76	116	20	909	0.46
MLP1-A4H	MSLP1-A4H	M10	51	102	141	20	909	0.48
MLP1-A6H	MSLP1-A6H	M10	51	152	192	20	909	0.52
MLP1-A8H	MSLP1-A8H	M10	51	203	243	20	909	0.54
MLP1-B3H	MSLP1-B3H	M12	51	76	116	20	1590	0.56
MLP1-B4H	MSLP1-B4H	M12	51	102	141	20	1590	0.60
MLP1-B6H	MSLP1-B6H	M12	51	152	192	20	1590	0.68
MLP1-B8H	MSLP1-B8H	M12	51	203	243	20	1590	0.76
MLP1-C3H	MSLP1-C3H	M16	51	76	116	22	2272	0.70
MLP1-C4H	MSLP1-C4H	M16	51	102	141	22	2272	0.80
MLP1-C6H	MSLP1-C6H	M16	51	152	192	22	2272	0.94
MLP1-C8H	MSLP1-C8H	M16	51	203	243	22	2272	1.10
MLP2-A3H	MSLP2-A3H	M10	64	76	116	20	909	0.58
MLP2-A4H	MSLP2-A4H	M10	64	102	141	20	909	0.62
MLP2-A6H	MSLP2-A6H	M10	64	152	192	20	909	0.66
MLP2-A8H	MSLP2-A8H	M10	64	203	243	20	909	0.70
MLP2-B3H	MSLP2-B3H	M12	64	76	116	20	1590	0.68
MLP2-B4H	MSLP2-B4H	M12	64	102	141	20	1590	0.72
MLP2-B6H	MSLP2-B6H	M12	64	152	192	20	1590	0.87
MLP2-B8H	MSLP2-B8H	M12	64	203	243	20	1590	0.90
MLP2-C3H	MSLP2-C3H	M16	64	76	116	22	2272	0.82
MLP2-C4H	MSLP2-C4H	M16	64	102	141	22	2272	0.92
MLP2-C6H	MSLP2-C6H	M16	64	152	192	22	2272	1.06
MLP2-C8H	MSLP2-C8H	M16	64	203	243	22	2272	1.20

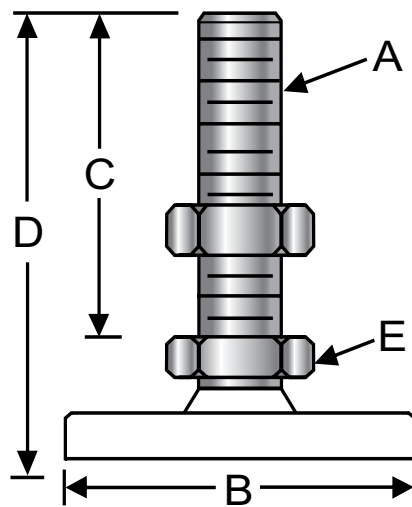
continued...

# Low Profile Leveling Mounts

## Heavy-duty Vibration Pad, Metric - continued

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MLP3-A3H	MSLP3-A3H	M10	76	76	116	20	909	0.92
MLP3-A4H	MSLP3-A4H	M10	76	102	141	20	909	0.96
MLP3-A6H	MSLP3-A6H	M10	76	152	192	20	909	1.00
MLP3-A8H	MSLP3-A8H	M10	76	203	243	20	909	1.05
MLP3-B3H	MSLP3-B3H	M12	76	76	116	20	1590	0.97
MLP3-B4H	MSLP3-B4H	M12	76	102	141	20	1590	1.02
MLP3-B6H	MSLP3-B6H	M12	76	152	192	20	1590	1.12
MLP3-B8H	MSLP3-B8H	M12	76	203	243	20	1590	1.20
MLP3-C3H	MSLP3-C3H	M16	76	76	116	22	2272	1.12
MLP3-C4H	MSLP3-C4H	M16	76	102	141	22	2272	1.25
MLP3-C6H	MSLP3-C6H	M16	76	152	192	22	2272	1.38
MLP3-C8H	MSLP3-C8H	M16	76	203	243	22	2272	1.52
MLP3-D3H	MSLP3-D3H	M20	76	76	116	27	2727	1.31
MLP3-D4H	MSLP3-D4H	M20	76	102	141	27	2727	1.44
MLP3-D6H	MSLP3-D6H	M20	76	152	192	27	2727	1.64
MLP3-D8H	MSLP3-D8H	M20	76	203	243	27	2727	1.84
MLP4-B3H	MSLP4-B3H	M12	102	76	116	20	1590	1.44
MLP4-B4H	MSLP4-B4H	M12	102	102	141	20	1590	1.50
MLP4-B6H	MSLP4-B6H	M12	102	152	192	20	1590	1.56
MLP4-B8H	MSLP4-B8H	M12	102	203	243	20	1590	1.62
MLP4-C3H	MSLP4-C3H	M16	102	76	116	22	2272	1.58
MLP4-C4H	MSLP4-C4H	M16	102	102	141	22	2272	1.70
MLP4-C6H	MSLP4-C6H	M16	102	152	192	22	2272	1.82
MLP4-C8H	MSLP4-C8H	M16	102	203	243	22	2272	1.98
MLP4-D3H	MSLP4-D3H	M20	102	76	116	27	2727	1.78
MLP4-D4H	MSLP4-D4H	M20	102	102	141	27	2727	1.90
MLP4-D6H	MSLP4-D6H	M20	102	152	192	27	2727	2.10
MLP4-D8H	MSLP4-D8H	M20	102	203	243	27	2727	2.30
MLP4-E3H	MSLP4-E3H	M24	102	76	116	35	3409	2.03
MLP4-E4H	MSLP4-E4H	M24	102	102	141	35	3409	2.15
MLP4-E6H	MSLP4-E6H	M24	102	152	192	35	3409	2.28
MLP4-E8H	MSLP4-E8H	M24	102	203	243	35	3409	2.43
MLP5-C3H	MSLP5-C3H	M16	152	76	116	22	2272	3.60
MLP5-C4H	MSLP5-C4H	M16	152	102	141	22	2272	3.72
MLP5-C6H	MSLP5-C6H	M16	152	152	192	22	2272	3.86
MLP5-C8H	MSLP5-C8H	M16	152	203	243	22	2272	4.00
MLP5-D3H	MSLP5-D3H	M20	152	76	116	27	2272	3.87
MLP5-D4H	MSLP5-D4H	M20	152	102	141	27	2272	3.92
MLP5-D6H	MSLP5-D6H	M20	152	152	192	27	2272	4.12
MLP5-D8H	MSLP5-D8H	M20	152	203	243	27	2272	4.34
MLP5-E3H	MSLP5-E3H	M24	152	76	116	35	3409	4.16
MLP5-E4H	MSLP5-E4H	M24	152	102	141	35	3409	4.21
MLP5-E6H	MSLP5-E6H	M24	152	152	192	35	3409	4.30
MLP5-E8H	MSLP5-E8H	M24	152	203	243	35	3409	4.50

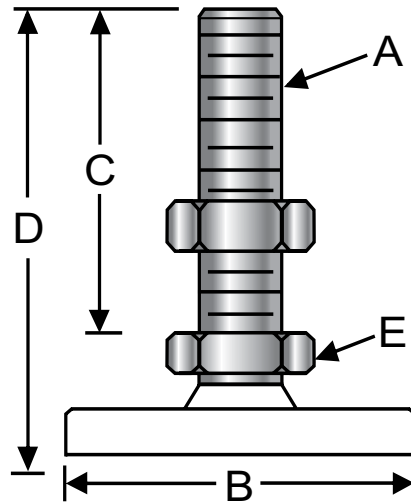
# Delrin® Low Profile Leveling Mounts



## Delrin® Base, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Ship Wt. (lbs)
DLP0-AA2	SDLP0-AA2	1/4-20	1 1/2	2	2 13/16	5/8	225	0.06
DLP0-AA4	SDLP0-AA4	1/4-20	1 1/2	4	4 13/16	5/8	225	0.08
DLP0-A2	SDLP0-A2	3/8-16	1 1/2	2	2 13/16	5/8	250	0.10
DLP0-A4	SDLP0-A4	3/8-16	1 1/2	4	4 13/16	5/8	250	0.12
DLP0-B2	SDLP0-B2	1/2-13	1 1/2	2	2 13/16	5/8	250	0.14
DLP0-B4	SDLP0-B4	1/2-13	1 1/2	4	4 13/16	5/8	250	0.22
DLP0-C2	SDLP0-C2	5/8-11	1 1/2	2	2 13/16	5/8	250	0.18
DLP0-C4	SDLP0-C4	5/8-11	1 1/2	4	4 13/16	5/8	250	0.28
DLP0-D2	SDLP0-D2	3/4-10	1 1/2	2	2 13/16	3/4	250	0.26
DLP0-D4	SDLP0-D4	3/4-10	1 1/2	4	4 13/16	3/4	250	0.46
DLP1-AA2	SDLP1-AA2	1/4-20	2	2	2 13/16	5/8	225	0.08
DLP1-AA4	SDLP1-AA4	1/4-20	2	4	4 13/16	5/8	225	0.10
DLP1-A2	SDLP1-A2	3/8-16	2	2	2 13/16	5/8	250	0.12
DLP1-A4	SDLP1-A4	3/8-16	2	4	4 13/16	5/8	250	0.14
DLP1-B2	SDLP1-B2	1/2-13	2	2	2 13/16	5/8	250	0.16
DLP1-B4	SDLP1-B4	1/2-13	2	4	4 13/16	5/8	250	0.24
DLP1-C2	SDLP1-C2	5/8-11	2	2	2 13/16	5/8	250	0.20
DLP1-C4	SDLP1-C4	5/8-11	2	4	4 13/16	5/8	250	0.30
DLP1-D2	SDLP1-D2	3/4-10	2	2	2 13/16	3/4	250	0.28
DLP1-D4	SDLP1-D4	3/4-10	2	4	4 13/16	3/4	250	0.48
DLP2-AA2	SDLP2-AA2	1/4-20	2 1/2	2	2 13/16	5/8	225	0.12
DLP2-AA4	SDLP2-AA4	1/4-20	2 1/2	4	4 13/16	5/8	225	0.14
DLP2-A2	SDLP2-A2	3/8-16	2 1/2	2	2 13/16	5/8	350	0.16
DLP2-A4	SDLP2-A4	3/8-16	2 1/2	4	4 13/16	5/8	350	0.18
DLP2-B2	SDLP2-B2	1/2-13	2 1/2	2	2 13/16	5/8	350	0.20
DLP2-B4	SDLP2-B4	1/2-13	2 1/2	4	4 13/16	5/8	350	0.28
DLP2-C2	SDLP2-C2	5/8-11	2 1/2	2	2 13/16	5/8	350	0.24
DLP2-C4	SDLP2-C4	5/8-11	2 1/2	4	4 13/16	5/8	350	0.34
DLP2-D2	SDLP2-D2	3/4-10	2 1/2	2	2 13/16	3/4	350	0.32
DLP2-D4	SDLP2-D4	3/4-10	2 1/2	4	4 13/16	3/4	350	0.52

# Delrin® Low Profile Leveling Mounts



## Delrin® Base, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Ship Wt. (lbs)
MDLP0-A2	SMDLP0-A2	M10	38	50	71	16	114	0.10
MDLP0-A4	SMDLP0-A4	M10	38	100	122	16	114	0.12
MDLP0-B2	SMDLP0-B2	M12	38	50	71	16	114	0.14
MDLP0-B4	SMDLP0-B4	M12	38	100	122	16	114	0.22
MDLP0-C2	SMDLP0-C2	M16	38	50	71	16	114	0.18
MDLP0-C4	SMDLP0-C4	M16	38	100	122	16	114	0.28
MDLP0-D2	SMDLP0-D2	M20	38	50	71	20	114	0.26
MDLP0-D4	SMDLP0-D4	M20	38	100	122	20	114	0.46
MDLP1-A2	SMDLP1-A2	M10	51	50	71	16	114	0.12
MDLP1-A4	SMDLP1-A4	M10	51	100	122	16	114	0.14
MDLP1-B2	SMDLP1-B2	M12	51	50	71	16	114	0.16
MDLP1-B4	SMDLP1-B4	M12	51	100	122	16	114	0.24
MDLP1-C2	SMDLP1-C2	M16	51	50	71	16	114	0.20
MDLP1-C4	SMDLP1-C4	M16	51	100	122	16	114	0.30
MDLP1-D2	SMDLP1-D2	M20	51	50	71	20	114	0.28
MDLP1-D4	SMDLP1-D4	M20	51	100	122	20	114	0.48
MDLP2-A2	SMDLP2-A2	M10	64	50	71	16	159	0.16
MDLP2-A4	SMDLP2-A4	M10	64	100	122	16	159	0.18
MDLP2-B2	SMDLP2-B2	M12	64	50	71	16	159	0.20
MDLP2-B4	SMDLP2-B4	M12	64	100	122	16	159	0.28
MDLP2-C2	SMDLP2-C2	M16	64	50	71	16	159	0.24
MDLP2-C4	SMDLP2-C4	M16	64	100	122	16	159	0.34
MDLP2-D2	SMDLP2-D2	M20	64	50	71	20	159	0.32
MDLP2-D4	SMDLP2-D4	M20	64	100	122	20	159	0.52

# Anti-Vibe® Vibration Control Mounts

The patented Anti-Vibe® leveling mount is engineered to reduce transmitted vibrations in all types of machinery and sensitive instruments, from large CNC machines to laboratory scales. Offered in three capacities, a properly specified Anti-Vibe® mount can isolate transmitted machinery vibrations by up to 98%. In doing so, customers protect their large investments in machinery by reducing maintenance costs and the costs associated with premature machine failure. For best results use the mount with the maximum load range closest to the specific weight capacity required for each mount.



**Patent # D2053583 & D2053584**  
(UK, Malaysia & Singapore)

**Patent # M9600727.3** (Germany)

## Specifications:

Low carbon steel with yellow zinc finish or 303 stainless steel

One-piece machined stud

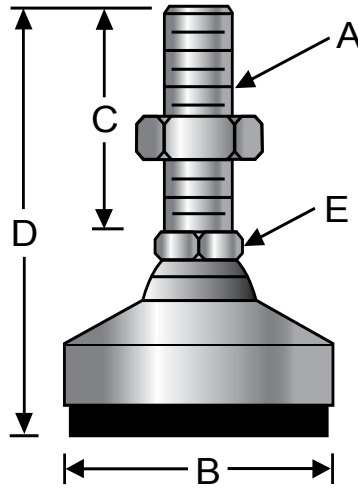
Light-, medium- and heavy-duty capacities

Mounts with studs furnished with jam nut

Inch and metric threads

Customize any stud

# Anti-Vibe® Vibration Control Mounts



## Stud Style - Light-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
BSW-1L	SS-BSW-1L	3/8-16	1 1/4	2	3 1/2	5/8	200	14	0.36
BSW-2L	SS-BSW-2L	1/2-13	1 7/8	2	3 3/4	3/4	500	14	0.84
BSW-3L	SS-BSW-3L	5/8-11	2 1/2	2	3 7/8	7/8	900	13.5	1.48
BSW-4L	SS-BSW-4L	3/4-10	3	2	4 1/8	1 1/16	1250	13.5	2.46
BSW-5L	SS-BSW-5L	1-8	4	3 1/2	6	1 3/8	2250	13	4.56
BSW-6L	SS-BSW-6L	1 1/4-7	6	4	6 7/8	1 7/8	5000	13	9.52

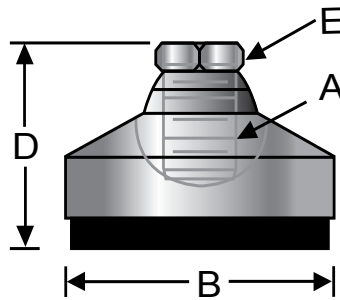
## Stud Style - Medium-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
BSW-1M	SS-BSW-1M	3/8-16	1 1/4	2	3 1/2	5/8	400	16	0.36
BSW-2M	SS-BSW-2M	1/2-13	1 7/8	2	3 3/4	3/4	1000	16	0.84
BSW-3M	SS-BSW-3M	5/8-11	2 1/2	2	3 7/8	7/8	1800	15	1.48
BSW-4M	SS-BSW-4M	3/4-10	3	2	4 1/8	1 1/16	2500	15	2.46
BSW-5M	SS-BSW-5M	1-8	4	3 1/2	6	1 3/8	4500	13.5	4.56
BSW-6M	SS-BSW-6M	1 1/4-7	6	4	6 7/8	1 7/8	10000	13	9.52

## Stud Style - Heavy-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
BSW-1H	SS-BSW-1H	3/8-16	1 1/4	2	3 1/2	5/8	995	14	0.36
BSW-2H	SS-BSW-2H	1/2-13	1 7/8	2	3 3/4	3/4	2400	13	0.84
BSW-3H	SS-BSW-3H	5/8-11	2 1/2	2	3 7/8	7/8	4400	12.5	1.22
BSW-4H	SS-BSW-4H	3/4-10	3	2	4 1/8	1 1/16	6500	12.5	2.30
BSW-5H	SS-BSW-5H	1-8	4	3 1/2	6	1 3/8	11800	11.5	4.70
BSW-6H	SS-BSW-6H	1 1/4-7	6	4	6 7/8	1 7/8	27100	11	9.62

# Anti-Vibe® Vibration Control Mounts



## Tapped Style - Light-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
TSW-1L	SS-TSW-1L	3/8-16	1 1/4	1 1/2	5/8	200	14	0.28
TSW-2L	SS-TSW-2L	1/2-13	1 7/8	1 3/4	3/4	500	14	0.70
TSW-3L	SS-TSW-3L	5/8-11	2 1/2	1 7/8	7/8	900	13.5	1.24
TSW-4L	SS-TSW-4L	3/4-10	3	2 1/8	1 1/16	1250	13.5	2.12
TSW-5L	SS-TSW-5L	1-8	4	2 1/2	1 3/8	2250	13	3.86
TSW-6L	SS-TSW-6L	1 1/4-7	6	2 7/8	1 7/8	5000	13	7.70

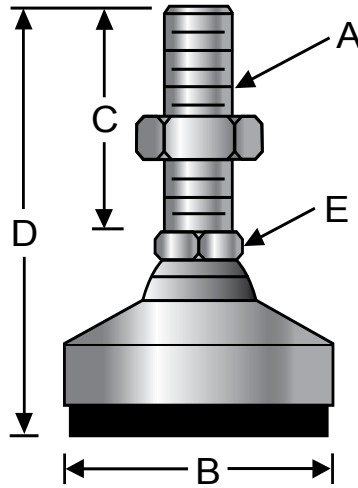
## Tapped Style - Medium-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
TSW-1M	SS-TSW-1M	3/8-16	1 1/4	1 1/2	5/8	400	16	0.28
TSW-2M	SS-TSW-2M	1/2-13	1 7/8	1 3/4	3/4	1000	16	0.70
TSW-3M	SS-TSW-3M	5/8-11	2 1/2	1 7/8	7/8	1800	15	1.24
TSW-4M	SS-TSW-4M	3/4-10	3	2 1/8	1 1/16	2500	15	2.12
TSW-5M	SS-TSW-5M	1-8	4	2 1/2	1 3/8	4500	13.5	3.86
TSW-6M	SS-TSW-6M	1 1/4-7	6	2 7/8	1 7/8	10000	13	7.70

## Tapped Style - Heavy-duty, Inch

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
TSW-1H	SS-TSW-1H	3/8-16	1 1/4	1 1/2	5/8	995	14	0.28
TSW-2H	SS-TSW-2H	1/2-13	1 7/8	1 3/4	3/4	2400	13	0.70
TSW-3H	SS-TSW-3H	5/8-11	2 1/2	1 7/8	7/8	4400	12.5	1.24
TSW-4H	SS-TSW-4H	3/4-10	3	2 1/8	1 1/16	6500	12.5	2.12
TSW-5H	SS-TSW-5H	1-8	4	2 1/2	1 3/8	11800	11.5	3.86
TSW-6H	SS-TSW-6H	1 1/4-7	6	2 7/8	1 7/8	27100	11	7.70

# Anti-Vibe® Vibration Control Mounts



## Stud Style - Light-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MB-SW1L	SSMB-SW1L	M10	32	51	89	16	23	14	0.36
MB-SW2L	SSMB-SW2L	M12	48	51	95	20	55	14	0.84
MB-SW3L	SSMB-SW3L	M16	64	51	98	22	100	13.5	1.48
MB-SW4L	SSMB-SW4L	M20	76	51	105	27	148	13.5	2.46
MB-SW5L	SSMB-SW5L	M24	102	89	152	35	268	13	4.56
MB-SW6L	SSMB-SW6L	M30	152	102	175	48	314	13	9.52

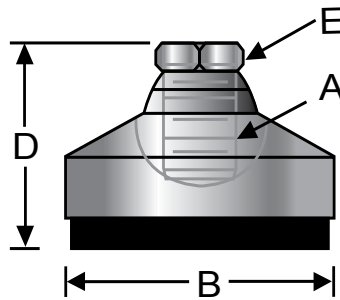
## Stud Style - Medium-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MB-SW1M	SSMB-SW1M	M10	32	51	89	16	45	16	0.36
MB-SW2M	SSMB-SW2M	M12	48	51	95	20	109	16	0.84
MB-SW3M	SSMB-SW3M	M16	64	51	98	22	200	15	1.48
MB-SW4M	SSMB-SW4M	M20	76	51	105	27	295	15	2.46
MB-SW5M	SSMB-SW5M	M24	102	89	152	35	536	13.5	4.56
MB-SW6M	SSMB-SW6M	M30	152	102	175	48	1230	13	9.52

## Stud Style - Heavy-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MB-SW1H	SSMB-SW1H	M10	32	51	89	16	452	14	0.36
MB-SW2H	SSMB-SW2H	M12	48	51	95	20	1090	13	0.84
MB-SW3H	SSMB-SW3H	M16	64	51	98	22	2000	12.5	1.22
MB-SW4H	SSMB-SW4H	M20	76	51	105	27	2954	12.5	2.30
MB-SW5H	SSMB-SW5H	M24	102	89	152	35	5363	11.5	4.70
MB-SW6H	SSMB-SW6H	M30	152	102	175	48	12318	11	9.62

# Anti-Vibe® Vibration Control Mounts



## Tapped Style - Light-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MT-SW1L	SSMT-SW1L	M10	32	38	16	23	14	0.28
MT-SW2L	SSMT-SW2L	M12	48	44	20	55	14	0.70
MT-SW3L	SSMT-SW3L	M16	64	48	22	100	13.5	1.24
MT-SW4L	SSMT-SW4L	M20	76	54	27	148	13.5	2.12
MT-SW5L	SSMT-SW5L	M24	102	64	35	268	13	3.86
MT-SW6L	SSMT-SW6L	M30	152	73	48	314	13	7.70

## Tapped Style - Medium-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MT-SW1M	SSMT-SW1M	M10	32	38	16	45	16	0.28
MT-SW2M	SSMT-SW2M	M12	48	44	20	109	16	0.70
MT-SW3M	SSMT-SW3M	M16	64	48	22	200	15	1.24
MT-SW4M	SSMT-SW4M	M20	76	54	27	295	15	2.12
MT-SW5M	SSMT-SW5M	M24	102	64	35	536	13.5	3.86
MT-SW6M	SSMT-SW6M	M30	152	73	48	1230	13	7.70

## Tapped Style - Heavy-duty, Metric

Steel P/N	303 Stainless P/N	Thread (A)	Base Dia (B)	Total Height (D)	Hex Size (E)	Max Load (kg)	Natural Frequency (Hz)	Ship Wt. (lbs)
MT-SW1H	SSMT-SW1H	M10	32	38	16	452	14	0.28
MT-SW2H	SSMT-SW2H	M12	48	44	20	1090	13	0.70
MT-SW3H	SSMT-SW3H	M16	64	48	22	2000	12.5	1.24
MT-SW4H	SSMT-SW4H	M20	76	54	27	2954	12.5	2.12
MT-SW5H	SSMT-SW5H	M24	102	64	35	5363	11.5	3.86
MT-SW6H	SSMT-SW6H	M30	152	73	48	12318	11	7.70

# Mighty Mount™ Leveling Mounts

Mighty Mount™ is the ideal solution for mounting heavy industrial equipment. Thirteen different sizes are available with load capacities ranging up to 12,500 lbs. Machinery life is extended through the use of a one-inch thick elastomer pad that provides a high level of shock and vibration isolation. Mighty Mount™ is often used on sensitive computerized equipment to isolate the equipment from external shock and vibration. With their sturdy, reliable construction and powder coated safety yellow finish, Mighty Mount™ will provide years of reliable and economical service.



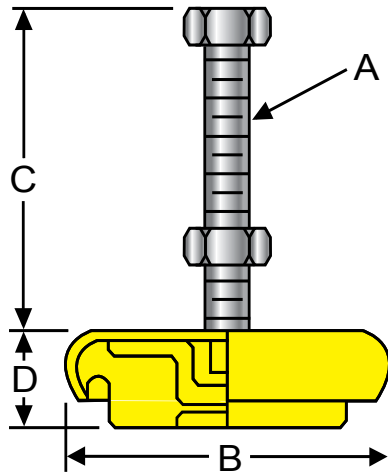
## Common Applications:

- Injection molding machines
- Die casting machines
- Vibration-sensitive equipment
- Drill presses
- CNC machines
- Punch presses
- Press brakes
- CMM instruments

## Specifications:

- Meets OSHA anchoring standards
- High strength steel housing with yellow powder coated finish
- High-density non-skid elastomer base for vibration control
- Steel zinc plated stud

# Mighty Mount™ Leveling Mounts



## Mighty Mount™ Leveling Mounts

P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Base Height (D)	Min Load (lbs)	Max Load (lbs)	Natural Frequency (Hz)	Ship Wt. (lbs)
MM5028A	1/4-28	2	1 3/4	1	50	300	14	0.32
MM5016B	3/8-16	2	3	1	50	300	14	0.40
MM5024B	3/8-24	2	3	1	50	300	14	0.40
MM80163	3/8-16	3	3	1 1/2	300	700	8	1.14
MM80243	3/8-24	3	3	1 1/2	300	700	8	1.14
MM80136	1/2-13	3	6	1 1/2	300	700	8	1.46
MM120135	1/2-13	5	5	1 1/2	500	2000	8	2.76
MM120118	5/8-11	5	8	1 1/2	500	2000	8	3.26
MM160135	1/2-13	6	5	1 5/8	1000	4500	8	5.14
MM160105	3/4-10	6	5	1 5/8	1000	4500	8	5.60
MM160108	3/4-10	6	8	1 5/8	1000	4500	8	5.82
MM230105	3/4-10	9	5	2 1/2	4000	12500	9	15.22
MM230148	1-14	9	8	2 1/2	4000	12500	9	15.92

# Vibration Isolation

## A note about load capacity

In general, to calculate the required capacity for levelers on a machine, divide the total weight of the machine by the number of mounting points. In order to ensure a stable support base, consideration must be taken for uneven weight distribution due to motors and other heavy machine components. Non-uniform load distribution will affect both the required capacity per mount and the mounting locations. Although S&W builds in a safety factor for all leveler capacities, the stated load capacities are for static loads only. Significant shock or vibration must be compensated for with extra capacity and may require a vibration isolator mount. See our vibration control section below for more detailed information. The use of a non-skid pad will generally reduce the capacity, not because the leveling device has been weakened, but because the elastomeric pad has a limited useful range under high compressive loads.

## Vibration isolation

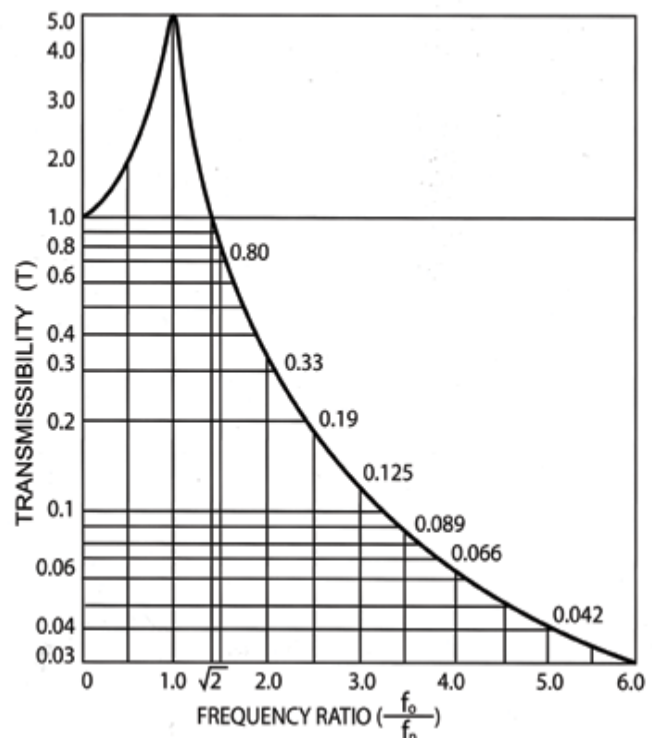
S&W's Anti-Vibe® and Mighty Mount™ machine mounts have an engineered elastomer base specifically designed to isolate vibration. The Anti-Vibe® leveler is a modification of the Level-It™ leveler and has a pivoting stud that is threaded directly into the machine base to provide a range of leveling heights. Mighty Mounts™ are built with a large flat surface on top that supports the machine base. The threaded stud that is provided with Mighty Mounts™ is used mainly for securing the machine to the base, but can also be used to level the machine. The leveling mechanism is internal to the mount and provides about 1/2" of vertical leveling capability. A typical industrial machine will have some shock or vibration associated with its operation. In many cases the vibration is minor and can be dealt with by using a light duty non-skid pad on the bottom of the leveling mount. In other cases, however, shock and vibration are severe enough to warrant isolation. The source of the disturbance can either be from the machine itself or can be from a mounting surface such as a factory floor. In both cases the object is to isolate and reduce the vibration from the source. The reduction in the transmission of vibration can be expressed in a ratio:  $T = f_o/f_i$  where T is defined as Transmissibility,  $f_o$  is output frequency and  $f_i$  is input frequency. When  $f_o < f_i$ , there is isolation, when  $f_o = f_i$ , there is resonance and when  $f_o > f_i$  there is amplification. The latter two are to be avoided in all cases.

Isolators have a natural frequency,  $f_n$ , which is derived from a formula that includes the spring rate of the isolating material and the weight of the equipment. The natural frequency at maximum capacity is listed in the Anti-Vibe® and Mighty Mount™ tables for each part number. The natural frequency of an isolated system and the disturbing frequency it is subject to can be used to determine the amount of isolation achieved, as shown below.

If transmissibility, T, is plotted against the ratio of the frequency of a machine  $f_o$  (its output frequency), and the natural frequency of the isolating mount  $f_n$ , a graph as shown in Figure 1 is generated. Any values above 1.0 on the T axis indicate amplification and the values below indicate isolation. Resonance occurs at a ratio of 1.414, so any ratio above that will provide isolation. From the graph you can see that at a 2:1 ratio  $T = 33\%$ , at a 3:1 ratio  $T = 12.5\%$  and so forth. You can use this chart as a shortcut to determine either the amount of isolation achieved or to determine the mount to use for a desired T. For example, if you have a 4200 lb machine on 6 Mighty Mounts™ with a capacity of 700 lbs each (P/N MM80136) the natural frequency,  $f_n$ , of each mount would be 8Hz. If the system frequency,  $f_o$ , is 35Hz, then the ratio of output frequency to natural frequency is  $35/8$  or 4.38. Using the chart, the translates into a T of approximately .05 or 95% isolation. In equation form:

$$T = \frac{1}{(f_o/f_n)^2 - 1}$$

Solving for T when  $f_o$  is 35Hz and  $f_n$  is 8Hz yields a transmissibility of .055 or 94.5% isolation.



## Glide-Rite™ Leveling Mounts

These industrial glides are some of our most economical levelers, suitable for such light duty applications as office furniture, cabinetry, shelving, point of purchase (POP) displays and small machines. Available in clear zinc-plated steel or stainless steel.



### Specifications:

Clear zinc plated or stainless steel cap over base

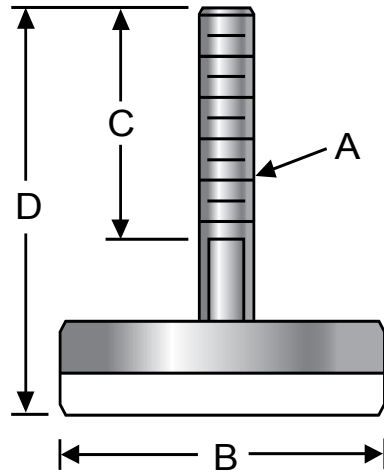
Clear zinc plated or stainless steel stud

Plastic thermoplastic or non-skid elastomer base

Inch and metric thread sizes

Customize any stud

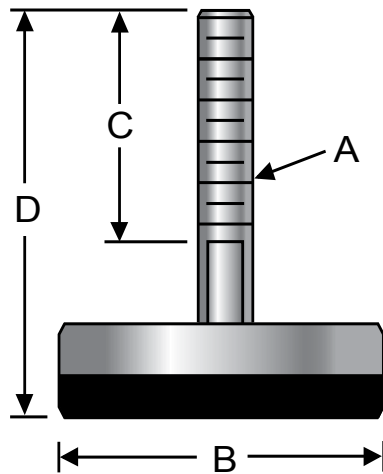
# Glide Rite™ Leveling Mounts



## Nylon Base, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Max Load (lbs)	Ship Wt. (lbs)
G-01	SG-01	10-24	1.200	1 1/2	2 1/4	250	0.04
G-02	SG-02	1/4-20	1.200	1 1/2	2 1/4	250	0.04
G-03	SG-03	5/16-18	1.200	1 1/2	2 1/4	250	0.04
G-04	SG-04	5/16-18	2.030	2	3	250	0.12
G-05	SG-05	3/8-16	2.030	2	3	250	0.14
G-06	SG-06	3/8-16	2.400	2	3	250	0.18
G-07	SG-07	3/8-16	2.400	4	5	250	0.24
G-08	SG-08	1/2-13	2.400	2	3	250	0.24
G-09	SG-09	1/2-13	2.400	4	5	250	0.34
G-010	SG-010	1/2-13	2.800	2	3 1/16	500	0.26
G-011	SG-011	1/2-13	2.800	4	5 1/16	500	0.36
G-012	SG-012	5/8-11	2.800	2	3 1/16	500	0.32
G-013	SG-013	5/8-11	2.800	4	5 1/16	500	0.48
G-014	SG-014	1/2-13	3.187	4	5 1/8	500	0.44
G-015	SG-015	1/2-13	3.187	6	7 1/8	500	0.52
G-016	SG-016	5/8-11	3.187	4	5 1/8	500	0.56
G-017	SG-017	5/8-11	3.187	6	7 1/8	500	0.70

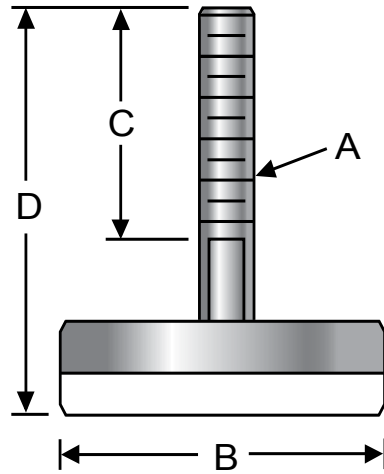
# Glide Rite™ Leveling Mounts



## Elastomer Base, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Max Load (lbs)	Ship Wt. (lbs)
G01-EL	SG01-EL	10-24	1.200	1 1/2	2 1/4	250	0.04
G02-EL	SG02-EL	1/4-20	1.200	1 1/2	2 1/4	250	0.04
G03-EL	SG03-EL	5/16-18	1.200	1 1/2	2 1/4	250	0.04
G04-EL	SG04-EL	5/16-18	2.030	2	3	250	0.12
G05-EL	SG05-EL	3/8-16	2.030	2	3	250	0.14
G06-EL	SG06-EL	3/8-16	2.400	2	3	250	0.18
G07-EL	SG07-EL	3/8-16	2.400	4	5	250	0.24
G08-EL	SG08-EL	1/2-13	2.400	2	3	250	0.24
G09-EL	SG09-EL	1/2-13	2.400	4	5	250	0.34
G010-EL	SG010-EL	1/2-13	2.800	2	3 1/16	500	0.26
G011-EL	SG011-EL	1/2-13	2.800	4	5 1/16	500	0.36
G012-EL	SG012-EL	5/8-11	2.800	2	3 1/16	500	0.32
G013-EL	SG013-EL	5/8-11	2.800	4	5 1/16	500	0.48
G014-EL	SG014-EL	1/2-13	3.187	4	5 1/8	500	0.44
G015-EL	SG015-EL	1/2-13	3.187	6	7 1/8	500	0.52
G016-EL	SG016-EL	5/8-11	3.187	4	5 1/8	500	0.56
G017-EL	SG017-EL	5/8-11	3.187	6	7 1/8	500	0.70

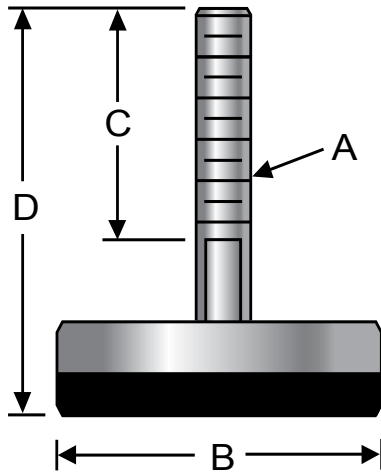
# Glide Rite™ Leveling Mounts



## Nylon Base, Metric

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Max Load (kg)	Ship Wt. (lbs)
MG-01	SMG-01	M6	30	38	57	114	0.04
MG-02	SMG-02	M8	30	38	57	114	0.04
MG-03	SMG-03	M8	52	38	64	114	0.12
MG-04	SMG-04	M10	52	51	76	114	0.14
MG-05	SMG-05	M10	61	51	76	114	0.18
MG-06	SMG-06	M10	61	102	127	114	0.24
MG-07	SMG-07	M12	61	51	76	114	0.24
MG-08	SMG-08	M12	61	102	127	114	0.34
MG-09	SMG-09	M12	71	51	78	227	0.26
MG-010	SMG-010	M12	71	102	129	227	0.36
MG-011	SMG-011	M16	71	51	78	227	0.32
MG-012	SMG-012	M16	71	102	129	227	0.48
MG-013	SMG-013	M12	81	102	130	227	0.44
MG-014	SMG-014	M12	81	152	181	227	0.52
MG-015	SMG-015	M16	81	102	130	227	0.56
MG-016	SMG-016	M16	81	152	181	227	0.70

# Glide Rite™ Leveling Mounts



## Elastomer Base, Metric

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Max Load (kg)	Ship Wt. (lbs)
MG01-EL	SMG01-EL	M6	30	38	57	114	0.04
MG02-EL	SMG02-EL	M8	30	38	57	114	0.04
MG03-EL	SMG03-EL	M8	52	38	64	114	0.12
MG04-EL	SMG04-EL	M10	52	51	76	114	0.14
MG05-EL	SMG05-EL	M10	61	51	76	114	0.18
MG06-EL	SMG06-EL	M10	61	102	127	114	0.24
MG07-EL	SMG07-EL	M12	61	51	76	114	0.24
MG08-EL	SMG08-EL	M12	61	102	127	114	0.34
MG09-EL	SMG09-EL	M12	71	51	78	227	0.26
MG010-EL	SMG010-EL	M12	71	102	129	227	0.36
MG011-EL	SMG011-EL	M16	71	51	78	227	0.32
MG012-EL	SMG012-EL	M16	71	102	129	227	0.48
MG013-EL	SMG013-EL	M12	81	102	130	227	0.44
MG014-EL	SMG014-EL	M12	81	152	181	227	0.52
MG015-EL	SMG015-EL	M16	81	102	130	227	0.56
MG016-EL	SMG016-EL	M16	81	152	181	227	0.70

# Willi Glide Leveling Mounts

These economical glides are designed for light duty applications. Commonly used on office partitions, shelving, exercise equipment, point of purchase (POP) displays and smaller machines.



## Specifications:

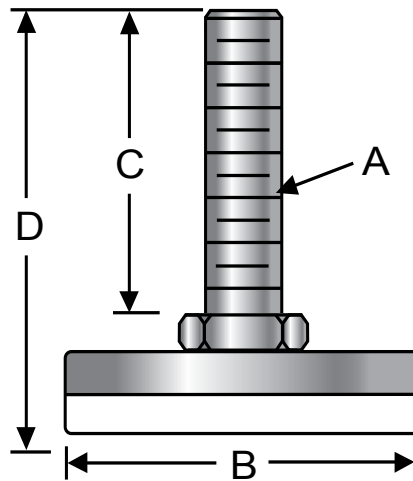
Nickel plated steel shell over base

Clear zinc plated steel stud

Nylon thermoplastic or non-skid elastomer base

Adjusting hex at base of stud

# Willi Glide Leveling Mounts



## Steel - Zinc Plated, Inch

P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Ship Wt. (lbs)
WG1-20-10	1/4-20	1	1	1 1/2	0.04
WG1-18-10	5/16-18	1	1	1 1/2	0.05
WG3-20-10	1/4-20	1 3/8	1	1 11/16	0.06
WG3-18-10	5/16-18	1 3/8	1	1 11/16	0.06
WG3-18-15	5/16-18	1 3/8	1 1/2	2 3/16	0.06
WG3-16-15	3/8-16	1 3/8	1 1/2	2 3/16	0.08
WG3-16-25	3/8-16	1 3/8	2 1/2	3 3/16	0.12
WG3-13-25	1/2-13	1 3/8	2 1/2	3 3/16	0.18
WG4-16-15	3/8-16	1 11/16	1 1/2	2 3/16	0.10
WG4-16-35	3/8-16	1 11/16	3 1/2	4 3/16	0.19
WG4-13-15	1/2-13	1 11/16	1 1/2	2 3/16	0.16
WG4-13-25	1/2-13	1 11/16	2 1/2	2 1/16	0.20

## Steel - Zinc Plated with Elastomer, Inch

P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Ship Wt. (lbs)
WG1-18-10-EL	5/16-18	1	1	1 1/2	0.05
WG3-20-15-EL	1/4-20	1 3/8	1 1/2	2 3/16	0.07
WG3-18-10-EL	5/16-18	1 3/8	1	1 11/16	0.06
WG3-18-15-EL	5/16-18	1 3/8	1 1/2	2 3/16	0.08
WG3-16-15-EL	3/8-16	1 3/8	1 1/2	2 3/16	0.08
WG3-16-35-EL	3/8-16	1 3/8	3 1/2	4 3/16	0.16
WG4-16-25-EL	3/8-16	1 11/16	2 1/2	3 3/16	0.14
WG4-13-15-EL	1/2-13	1 11/16	1 1/2	2 3/16	0.16
WG4-13-20-EL	1/2-13	1 11/16	2	2 11/16	0.20

# Hex Leveling Mounts

These low cost leveler bolts are ideal for light duty, industrial application where cost is a primary concern. Common uses are in sheet metal enclosures and appliances

## Specifications:

One-piece low carbon steel

Clear zinc plated

No articulation



## Steel, Inch

P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Max Load (lbs)	Ship Wt. (lbs)
HEXL-1Z	1/4-20	9/16	1	1 3/32	1000	0.04
HEXL-2Z	5/16-18	3/4	1 1/2	1 5/8	2300	0.04
HEXL-3Z	3/8-16	7/8	1 1/2	1 21/32	3750	0.04
HEXL-4Z	3/8-16	7/8	2 1/2	2 21/32	3750	0.08
HEXL-5Z	1/2-13	1 1/16	2 1/2	2 11/16	5000	0.08

# Pool Table Leveling Mounts

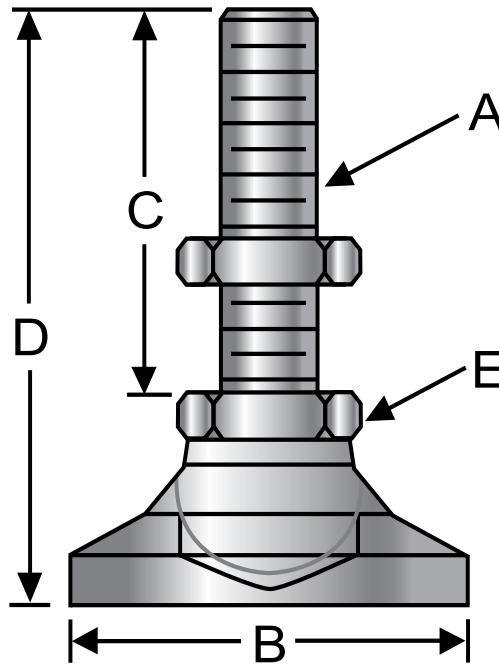
OEM and replacement leveler for pool tables, video games and other amusement machines that require a broad, stable leveling base. The large 6" diameter polished aluminum base with rubber pad is stable and non-marring. Includes threaded nut for assembly to a frame.



## Steel, Inch

P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Ship Wt. (lbs)
PTL-1AL	1/2-13	6	2	4 3/4	0.75

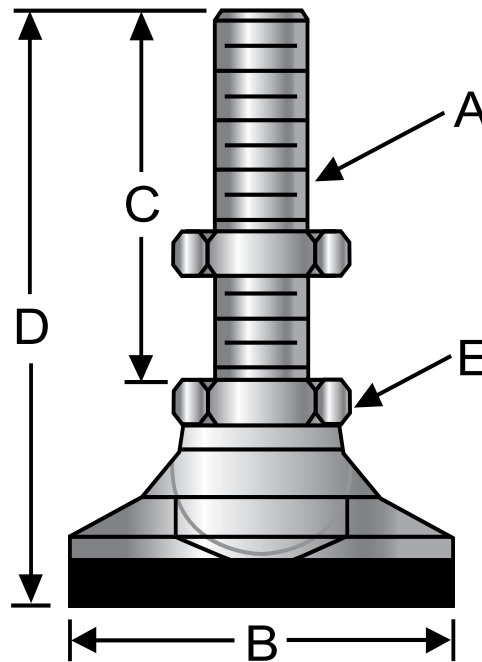
# Acme Threads Level-It™



## Acme Thread Level-It™, Stud Style, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BSW-0-ACME1	SSW-0-ACME1	1/4-16	1	1 1/4	1 15/16	1/2	1500
BSW-0A-ACME1	SSW-0A-ACME1	1/4-16	1	2 1/2	3 3/16	1/2	1500
BSW-100-ACME1	SSW-100-ACME1	5/16-14	1 1/4	2	2 7/8	5/8	3750
BSW-100A-ACME1	SSW-100A-ACME1	5/16-14	1 1/4	4	4 7/8	5/8	3750
BSW-1-ACME1	SSW-1-ACME1	3/8-12	1 1/4	2	2 7/8	5/8	5625
BSW-1A-ACME1	SSW-1A-ACME1	3/8-12	1 1/4	4	4 7/8	5/8	5625
BSW-2-ACME1	SSW-2-ACME1	1/2-10	1 7/8	2	3 1/8	3/4	7500
BSW-2A-ACME1	SSW-2A-ACME1	1/2-10	1 7/8	4	5 1/8	3/4	7500
BSW-3-ACME1	SSW-3-ACME1	5/8-8	2 1/2	2	3 1/4	7/8	9000
BSW-3A-ACME1	SSW-3A-ACME1	5/8-8	2 1/2	4	5 1/4	7/8	9000
BSW-4-ACME1	SSW-4-ACME1	3/4-6	3	2	3 1/2	1 1/16	11100
BSW-4A-ACME1	SSW-4A-ACME1	3/4-6	3	4	5 1/2	1 1/16	11100
BSW-5-ACME1	SSW-5-ACME1	1-5	4	3 1/2	5 3/8	1 3/8	30000
BSW-5EL-ACME1	SSW-5EL-ACME1	1-5	4	4 1/4	6 1/8	1 3/8	30000
BSW-5A-ACME1	SSW-5A-ACME1	1-5	4	6	7 7/8	1 3/8	30000
BSW-5G-ACME1	SSW-5G-ACME1	1-5	4	8	9 7/8	1 3/8	30000
BSW-6-ACME1	SSW-6-ACME1	1 1/4-5	6	4	6 3/4	1 7/8	60000
BSW-6EL-ACME1	SSW-6EL-ACME1	1 1/4-5	6	6	8 3/4	1 7/8	60000

# Acme Thread SnapLock™

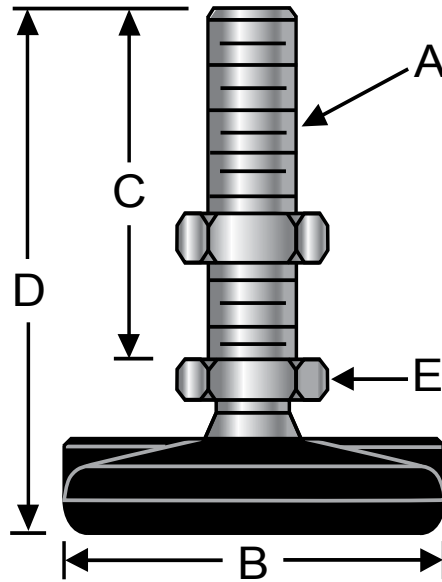


Patent # 6520459

## Acme Thread SnapLock™, Stud Style, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
SL-0B-ACME1	SSL-0B-ACME1	1/4-16	1	1 1/4	1 15/16	1/2	1125
SL-0BA-ACME1	SSL-0BA-ACME1	1/4-16	1	2 1/2	3 3/16	1/2	1125
SL-100-ACME1	SSL-100-ACME1	5/16-14	1 1/4	2	2 7/8	5/8	2815
SL-100A-ACME1	SSL-100A-ACME1	5/16-14	1 1/4	4	4 7/8	5/8	2815
SL-1B-ACME1	SSL-1-ACME1	3/8-12	1 1/4	2	2 7/8	5/8	4200
SL-1BA-ACME1	SSL-1A-ACME1	3/8-12	1 1/4	4	4 7/8	5/8	4200
SL-2B-ACME1	SSL-2-ACME1	1/2-10	1 7/8	2	3 1/8	3/4	5225
SL-2BA-ACME1	SSL-2A-ACME1	1/2-10	1 7/8	4	5 1/8	3/4	5225
SL-3B-ACME1	SSL-3-ACME1	5/8-8	2 1/2	2	3 1/4	7/8	6750
SL-3BA-ACME1	SSL-3A-ACME1	5/8-8	2 1/2	4	5 1/4	7/8	6750
SL-4B-ACME1	SSL-4-ACME1	3/4-6	3	2	3 1/2	1 1/16	8325
SL-4BA-ACME1	SSL-4A-ACME1	3/4-6	3	4	5 1/2	1 1/16	8325

# Acme Thread PolyMounts™

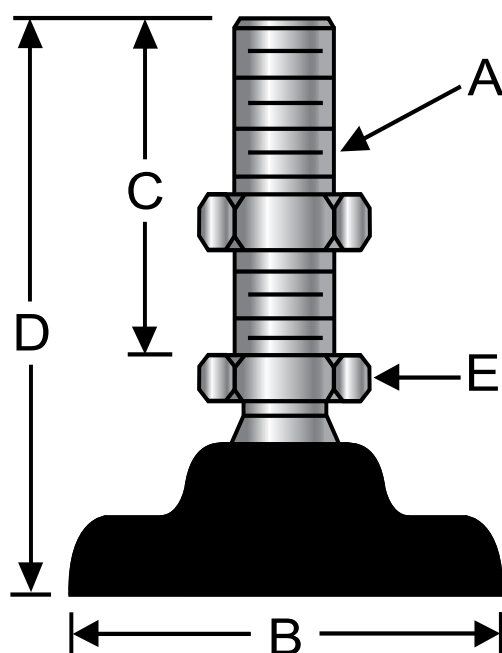


Patent # US 6,742,750 B2

## Acme Thread Stud Style, 1.58", 2", 3", 4" Dia. Base, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BNYLA13-ACME1	BSNYLA13-ACME1	3/8-12	1.58	2 5/8	3 11/16	5/8	3750
BNYLA24-ACME1	BSNYLA24-ACME1	3/8-12	2	4	5 1/8	3/4	5000
BNYLA26-ACME1	BSNYLA26-ACME1	3/8-12	2	6	7 1/8	3/4	5000
BNYLB24-ACME1	BSNYLB24-ACME1	1/2-10	2	4	5 1/8	3/4	5000
BNYLB26-ACME1	BSNYLB26-ACME1	1/2-10	2	6	7 1/8	3/4	5000
BNYLC24-ACME1	BSNYLC24-ACME1	5/8-8	2	4	5 1/8	7/8	5000
BNYLC26-ACME1	BSNYLC26-ACME1	5/8-8	2	6	7 1/8	7/8	5000
BNYLA34-ACME1	BSNYLA34-ACME1	3/8-12	3	4	5 1/8	3/4	6000
BNYLA36-ACME1	BSNYLA36-ACME1	3/8-12	3	6	7 1/8	3/4	6000
BNYLB34-ACME1	BSNYLB34-ACME1	1/2-10	3	4	5 1/8	3/4	6000
BNYLB36-ACME1	BSNYLB36-ACME1	1/2-10	3	6	7 1/8	3/4	6000
BNYLC34-ACME1	BSNYLC34-ACME1	5/8-8	3	4	5 1/8	7/8	6000
BNYLC36-ACME1	BSNYLC36-ACME1	5/8-8	3	6	7 1/8	7/8	6000
BNYLD34-ACME1	BSNYLD34-ACME1	3/4-6	3	4	5 1/8	1 1/16	6000
BNYLD36-ACME1	BSNYLD36-ACME1	3/4-6	3	6	7 1/8	1 1/16	6000
BNYLC44-ACME1	BSNYLC44-ACME1	5/8-8	4	4	5 5/16	7/8	7500
BNYLC46-ACME1	BSNYLC46-ACME1	5/8-8	4	6	7 5/16	7/8	7500
BNYLD44-ACME1	BSNYLD44-ACME1	3/4-6	4	4	5 5/16	1 1/16	7500
BNYLD46-ACME1	BSNYLD46-ACME1	3/4-6	4	6	7 5/16	1 1/16	7500
BNYLE44-ACME1	BSNYLE44-ACME1	1-5	4	4	5 5/16	1 3/8	7500
BNYLE46-ACME1	BSNYLE46-ACME1	1-5	4	6	7 5/16	1 3/8	7500
BNYLE48-ACME1	BSNYLE48-ACME1	1-5	4	8	9 5/16	1 3/8	7500

# Acme Thread PolyMounts™

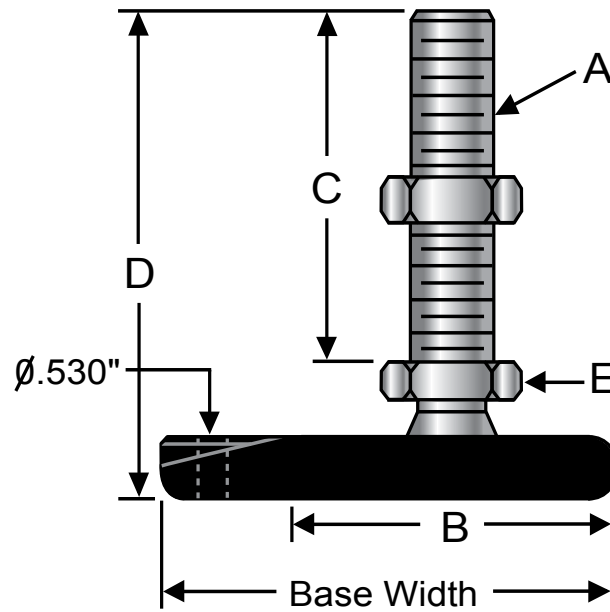


Patent # US 6,742,750 B2

## Stud Style, 5" Dia. Base, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BNYLC54-ACME1	BSNYLC54-ACME1	5/8-8	5	4	6 1/4	1 1/16	12000
BNYLC56-ACME1	BSNYLC56-ACME1	5/8-8	5	6	8 1/4	1 1/16	12000
BNYLC58-ACME1	BSNYLC58-ACME1	5/8-8	5	8	10 1/4	1 1/16	12000
BNYLC510-ACME1	BSNYLC510-ACME1	5/8-8	5	10	12 1/4	1 1/16	12000
BNYLD54-ACME1	BSNYLD54-ACME1	3/4-6	5	4	6 1/4	1 1/16	12000
BNYLD56-ACME1	BSNYLD56-ACME1	3/4-6	5	6	8 1/4	1 1/16	12000
BNYLD58-ACME1	BSNYLD58-ACME1	3/4-6	5	8	10 1/4	1 1/16	12000
BNYLD510-ACME1	BSNYLD510-ACME1	3/4-6	5	10	12 1/4	1 1/16	12000
BNYLE54-ACME1	BSNYLE54-ACME1	1-5	5	4	6 1/4	1 3/8	12000
BNYLE56-ACME1	BSNYLE56-ACME1	1-5	5	6	8 1/4	1 3/8	12000
BNYLE58-ACME1	BSNYLE58-ACME1	1-5	5	8	10 1/4	1 3/8	12000
BNYLE510-ACME1	BSNYLE510-ACME1	1-5	5	10	12 1/4	1 3/8	12000
BNYLF54-ACME1	BSNYLF54-ACME1	1 1/8-5	5	4	6 1/4	1 3/8	12000
BNYLF56-ACME1	BSNYLF56-ACME1	1 1/8-5	5	6	8 1/4	1 3/8	12000
BNYLF58-ACME1	BSNYLF58-ACME1	1 1/8-5	5	8	10 1/4	1 3/8	12000
BNYLF510-ACME1	BSNYLF510-ACME1	1 1/8-5	5	10	12 1/4	1 3/8	12000
BNYLG54-ACME1	BSNYLG54-ACME1	1 1/4-5	5	4	6 1/4	1 7/8	12000
BNYLG56-ACME1	BSNYLG56-ACME1	1 1/4-5	5	6	8 1/4	1 7/8	12000
BNYLG58-ACME1	BSNYLG58-ACME1	1 1/4-5	5	8	10 1/4	1 7/8	12000
BNYLG510-ACME1	BSNYLG510-ACME1	1 1/4-5	5	10	12 1/4	1 7/8	12000

# Acme Thread Teardrop PolyMounts™

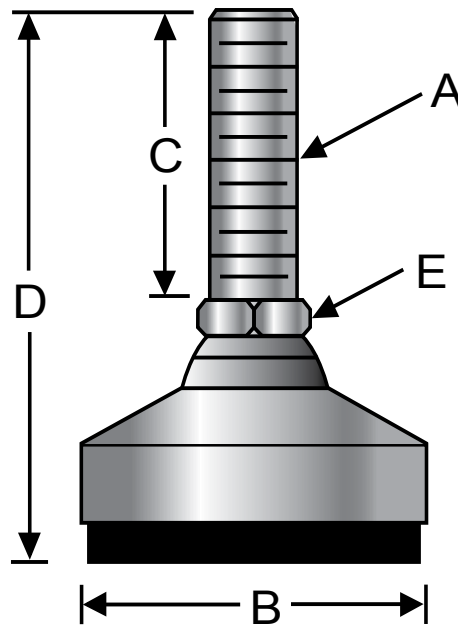


Patent # US 6,742,750 B2

## 4" Dia. Teardrop Base, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Base Width	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
TNYLB44-ACME1	TSNYLB44-ACME1	1/2-10	4	5 7/16	4	5 5/16	3/4	6000
TNYLB46-ACME1	TSNYLB46-ACME1	1/2-10	4	5 7/16	6	7 5/16	3/4	6000
TNYLB48-ACME1	TSNYLB48-ACME1	1/2-10	4	5 7/16	8	9 5/16	3/4	6000
TNYLC44-ACME1	TSNYLC44-ACME1	5/8-8	4	5 7/16	4	5 5/16	7/8	7000
TNYLC46-ACME1	TSNYLC46-ACME1	5/8-8	4	5 7/16	6	7 5/16	7/8	7000
TNYLC48-ACME1	TSNYLC48-ACME1	5/8-8	4	5 7/16	8	9 5/16	7/8	7000
TNYLD44-ACME1	TSNYLD44-ACME1	3/4-6	4	5 7/16	4	5 5/16	1 1/16	7500
TNYLD46-ACME1	TSNYLD46-ACME1	3/4-6	4	5 7/16	6	7 5/16	1 1/16	7500
TNYLD48-ACME1	TSNYLD48-ACME1	3/4-6	4	5 7/16	8	9 5/16	1 1/16	7500
TNYLE44-ACME1	TSNYLE44-ACME1	1-5	4	5 7/16	4	5 5/16	1 3/8	7500
TNYLE46-ACME1	TSNYLE46-ACME1	1-5	4	5 7/16	6	7 5/16	1 3/8	7500
TNYLE48-ACME1	TSNYLE48-ACME1	1-5	4	5 7/16	8	9 5/16	1 3/8	7500

# Acme Thread Anti-Vibe®



## Stud Style, Light-duty, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BSW-1L-ACME1	SS-BSW-1L-ACME1	3/8-12	1 1/4	2	1 1/2	5/8	300
BSW-2L-ACME1	SS-BSW-2L-ACME1	1/2-10	1 7/8	2	1 3/4	3/4	750
BSW-3L-ACME1	SS-BSW-3L-ACME1	5/8-8	2 1/2	2	1 7/8	7/8	1350
BSW-4L-ACME1	SS-BSW-4L-ACME1	3/4-6	3	2	4 1/8	1 1/16	1875
BSW-5L-ACME1	SS-BSW-5L-ACME1	1-5	4	3 1/2	6	1 3/8	3375
BSW-6L-ACME1	SS-BSW-6L-ACME1	1 1/4-5	6	4	6 7/8	1 7/8	7500

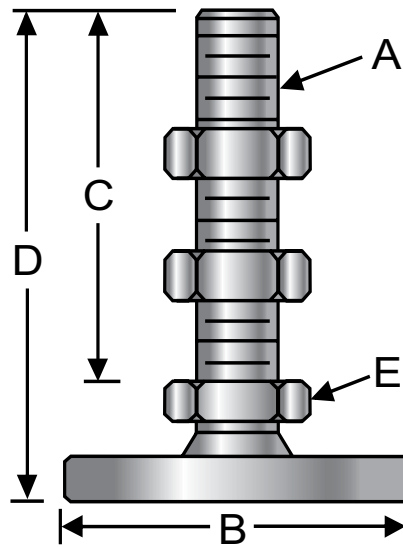
## Stud Style, Medium-duty, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BSW-1M-ACME1	SS-BSW-1M-ACME1	3/8-12	1 1/4	2	1 1/2	5/8	600
BSW-2M-ACME1	SS-BSW-2M-ACME1	1/2-10	1 7/8	2	1 3/4	3/4	1500
BSW-3M-ACME1	SS-BSW-3M-ACME1	5/8-8	2 1/2	2	3 7/8	7/8	2700
BSW-4M-ACME1	SS-BSW-4M-ACME1	3/4-6	3	2	4 1/8	1 1/16	3750
BSW-5M-ACME1	SS-BSW-5M-ACME1	1-5	4	3 1/2	6	1 3/8	6750
BSW-6M-ACME1	SS-BSW-6M-ACME1	1 1/4-5	6	4	6 7/8	1 7/8	15000

## Stud Style, Heavy-duty, Inch

Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
BSW-1H-ACME1	SS-BSW-1H-ACME1	3/8-12	1 1/4	2	3 1/2	5/8	1490
BSW-2H-ACME1	SS-BSW-2H-ACME1	1/2-10	1 7/8	2	3 3/4	3/4	3600
BSW-3H-ACME1	SS-BSW-3H-ACME1	5/8-8	2 1/2	2	3 7/8	7/8	6600
BSW-4H-ACME1	SS-BSW-4H-ACME1	3/4-6	3	2	4 1/8	1 1/16	9750
BSW-5H-ACME1	SS-BSW-5H-ACME1	1-5	4	3 1/2	6	1 3/8	17500
BSW-6H-ACME1	SS-BSW-6H-ACME1	1 1/4-5	6	4	6 7/8	1 7/8	40000

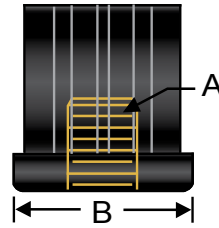
# Acme Thread Low Profile



## Standard Base, Inch

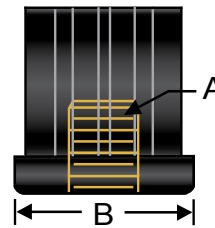
Steel P/N	Stainless P/N	Thread (A)	Base Dia (B)	Thread Length (C)	Total Height (D)	Hex Size (E)	Max Load (lbs)
LP1-A4-ACME1	SLP1-A4-ACME1	3/8-12	2	4	5	3/4	3000
LP1-A6-ACME1	SLP1-A6-ACME1	3/8-12	2	6	7	3/4	3000
LP1-B4-ACME1	SLP1-B4-ACME1	1/2-10	2	4	5	3/4	5250
LP1-B6-ACME1	SLP1-B6-ACME1	1/2-10	2	6	7	3/4	5250
LP1-C4-ACME1	SLP1-C4-ACME1	5/8-8	2	4	5	7/8	7500
LP1-C6-ACME1	SLP1-C6-ACME1	5/8-8	2	6	7	7/8	7500
LP2-A4-ACME1	SLP2-A4-ACME1	3/8-12	2 1/2	4	5	3/4	3000
LP2-A6-ACME1	SLP2-A6-ACME1	3/8-12	2 1/2	6	7	3/4	3000
LP2-B4-ACME1	SLP2-B4-ACME1	1/2-10	2 1/2	4	5	3/4	5250
LP2-B6-ACME1	SLP2-B6-ACME1	1/2-10	2 1/2	6	7	3/4	5250
LP2-C4-ACME1	SLP2-C4-ACME1	5/8-8	2 1/2	4	5	7/8	7500
LP2-C6-ACME1	SLP2-C6-ACME1	5/8-8	2 1/2	6	7	7/8	7500
LP3-B6-ACME1	SLP3-B6-ACME1	1/2-10	3	6	7	3/4	5250
LP3-C4-ACME1	SLP3-C4-ACME1	5/8-8	3	4	5	7/8	7500
LP3-C6-ACME1	SLP3-C6-ACME1	5/8-8	3	6	7	7/8	7500
LP3-D4-ACME1	SLP3-D4-ACME1	3/4-6	3	4	5	1 1/16	9000
LP3-D6-ACME1	SLP3-D6-ACME1	3/4-6	3	6	7	1 1/16	9000
LP4-B4-ACME1	SLP4-B4-ACME1	1/2-10	4	4	5	3/4	5250
LP4-B6-ACME1	SLP4-B6-ACME1	1/2-10	4	6	7	3/4	5250
LP4-C4-ACME1	SLP4-C4-ACME1	5/8-8	4	4	5	7/8	7500
LP4-C6-ACME1	SLP4-C6-ACME1	5/8-8	4	6	7	7/8	7500
LP4-D4-ACME1	SLP4-D4-ACME1	3/4-6	4	4	5	1 1/16	9000
LP4-D6-ACME1	SLP4-D6-ACME1	3/4-6	4	6	7	1 1/16	9000
LP4-E4-ACME1	SLP4-E4-ACME1	1-5	4	4	5	1 3/8	11250
LP4-E6-ACME1	SLP4-E6-ACME1	1-5	4	6	7	1 3/8	11250

# Acme Thread Tube Ends



## Square, Inch

P/N	Thread (A)	OD (B)	Tube Gauge/Shape	Tube Size OD	Wall	Static Load (lbs)
TE1-2A-ACME1	3/8-12	1.5 sq.	16 ga. square	1.5 sq.	.065	1500
TE1-2B-ACME1	1/2-10	1.5 sq.	16 ga. square	1.5 sq.	.065	1500
TE1-2C-ACME1	5/8-8	1.5 sq.	16 ga. square	1.5 sq.	.065	1500
TE1-2D-ACME1	3/4-6	1.5 sq.	16 ga. square	1.5 sq.	.065	1500
TE1-3A-ACME1	3/8-12	1.5 sq.	11 ga. square	1.5 sq.	.120	1500
TE1-3B-ACME1	1/2-10	1.5 sq.	11 ga. square	1.5 sq.	.120	1500
TE1-3C-ACME1	5/8-8	1.5 sq.	11 ga. square	1.5 sq.	.120	1500
TE1-3D-ACME1	3/4-6	1.5 sq.	11 ga. square	1.5 sq.	.120	1500
TE2-1A-ACME1	3/8-12	2.0 sq.	16 ga. square	2.0 sq.	.065	2000
TE2-1B-ACME1	1/2-10	2.0 sq.	16 ga. square	2.0 sq.	.065	2000
TE2-1C-ACME1	5/8-8	2.0 sq.	16 ga. square	2.0 sq.	.065	2000
TE2-1D-ACME1	3/4-6	2.0 sq.	16 ga. square	2.0 sq.	.065	2000
TE2-3A-ACME1	3/8-12	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000
TE2-3B-ACME1	1/2-10	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000
TE2-3C-ACME1	5/8-8	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000
TE2-3D-ACME1	3/4-6	2.0 sq.	11-12 ga. square	2.0 sq.	.109/.120	2000



## Round, Inch

P/N	Thread (A)	OD (B)	Tube Gauge/Shape	Tube Size OD	Wall	Static Load (lbs)
TE1-1A-ACME1	3/8-12	1.5 dia.	16 ga. round	1.5 dia.	.065	1500
TE1-1B-ACME1	1/2-10	1.5 dia.	16 ga. round	1.5 dia.	.065	1500
TE1-1C-ACME1	5/8-8	1.5 dia.	16 ga. round	1.5 dia.	.065	1500
TE1-1D-ACME1	3/4-6	1.5 dia.	16 ga. round	1.5 dia.	.065	1500
TE1-4A-ACME1	3/8-12	2.0 dia.	1.5" Sch 5 pipe	1.9 dia.	.065	1500
TE1-4B-ACME1	1/2-10	2.0 dia.	1.5" Sch 5 pipe	1.9 dia.	.065	1500
TE1-4C-ACME1	5/8-8	2.0 dia.	1.5" Sch 5 pipe	1.9 dia.	.065	1500
TE1-4D-ACME1	3/4-6	2.0 dia.	1.5" Sch 5 pipe	1.9 dia.	.065	1500
TE1-10A-ACME1	3/8-12	2.0 dia.	2.0" Sch 10 pipe	1.9 dia.	.109	2000
TE1-10B-ACME1	1/2-10	2.0 dia.	2.0" Sch 10 pipe	1.9 dia.	.109	2000
TE1-10C-ACME1	5/8-8	2.0 dia.	2.0" Sch 10 pipe	1.9 dia.	.109	2000
TE1-10D-ACME1	3/4-6	2.0 dia.	2.0" Sch 10 pipe	1.9 dia.	.109	2000
TE2-2A-ACME1	3/8-12	2.0 dia.	16 ga. round	2.0 dia.	.065	2000
TE2-2B-ACME1	1/2-10	2.0 dia.	16 ga. round	2.0 dia.	.065	2000
TE2-2C-ACME1	5/8-8	2.0 dia.	16 ga. round	2.0 dia.	.065	2000
TE2-2D-ACME1	3/4-6	2.0 dia.	16 ga. round	2.0 dia.	.065	2000

# CHOOSING THE RIGHT LEVELER FOR THE JOB

S&W offers many choices in leveling and mounting devices, some of them very specific in their applications. Use the handy table below to help you choose the right leveler for the job.

Leveler type	High load capacity	Designed for vibration control	Designed for conveyor applications	Available in stainless steel	Available with tapped ball	Available with non-skid pad	Non-marring base	Economical
Level-It™	✓			✓	✓	✓		
Delrin® Level-It				✓	✓	✓	✓	
SnapLock™	✓			✓	✓	✓		
PolyMount™	✓		✓	✓	✓	✓	✓	
Teardrop PolyMount™	✓		✓	✓	✓	✓	✓	
Low Profile	✓		✓	✓	✓	✓		
Delrin® Low Profile				✓			✓	✓
Anti-Vibe®	✓	✓		✓	✓	✓	✓	
Mighty Mount™	✓	✓				✓	✓	
Glide-Rite™				✓		✓	✓	✓
Willi Glide						✓	✓	✓
Hex Leveler								✓
Rattle Mount								✓
Stamped Leveler								✓
DIM Pad	✓	✓				✓	✓	

# CUSTOMIZING A LEVELER

If you need to customize an S&W leveler to meet a particular need, you can use the charts below to determine what type of customization is available for each leveler product line. Then use the form on the next page to submit your quote request. This form is also available on our web site at [www.swmanufacturing.com](http://www.swmanufacturing.com).

BASE	Material				Finish			
	Steel	Stainless steel	Delrin®	Nylon	Clear Zn plating	Yellow Zn plating	Black Zn plating	Black oxide
Level-It™	✓	✓	✓		✓	✓	✓	✓
SnapLock™	✓	✓			✓	✓	✓	✓
PolyMount™				✓				
Glide-Rite™	✓	✓			✓	✓	✓	✓
Low Profile	✓	✓	✓		✓	✓	✓	✓
Anti-Vibe®	✓	✓			✓	✓	✓	✓

STUD	Material		Finish			
	Steel	Stainless steel	Clear Zn plating	Yellow Zn plating	Black Zn plating	Black oxide
Level-It™	✓	✓	✓	✓	✓	✓
SnapLock™	✓	✓	✓	✓	✓	✓
PolyMount™	✓	✓	✓	✓	✓	✓
Glide-Rite™	✓	✓	✓	✓	✓	✓
Low Profile	✓	✓	✓	✓	✓	✓
Anti-Vibe®	✓	✓	✓	✓	✓	✓

CUSTOM FEATURES	Base Features			Stud Features					
	Lag holes	Socket Lock	Squared off side(s)	Custom length	Custom thread	Flats or hex at top	Hex socket	Slot	Lead-in at top
Level-It™	✓	✓	✓	✓	✓	✓	✓	✓	✓
SnapLock™				✓	✓	✓	✓	✓	✓
PolyMount™		✓		✓	✓	✓	✓	✓	✓
Glide-Rite™				✓	✓	✓	✓	✓	✓
Low Profile	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anti-Vibe®				✓	✓	✓	✓	✓	✓

# CUSTOM REQUEST FOR QUOTE

You can customize most S&W levelers by specifying particular stud lengths, base diameters, finishes, materials and features such as lag holes and broaches. Just fill out the information below and submit it to us for quotation. This form is also available on our web site at [www.swmanufacturing.com](http://www.swmanufacturing.com). Fax to: 866-595-5275. You will be contacted with a quotation.

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

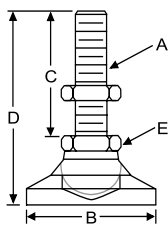
ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

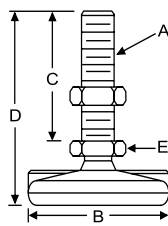
PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

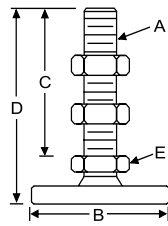
**LEVELER TYPE**



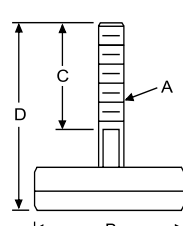
LEVEL-IT™ / SNAPLOCK™



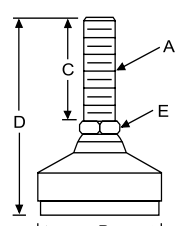
POLYMOUNT™



LOW PROFILE



GLIDE-RITE™



ANTI-VIBE®

**DIMENSIONS**

THREAD SIZE (A): \_\_\_\_\_

BASE DIAMETER (B): \_\_\_\_\_

STUD LENGTH (C): \_\_\_\_\_ *OR*

OVERALL HEIGHT (D): \_\_\_\_\_ *OR*

TAPPED BALL STYLE: Yes No (Circle one)

**BASE**

BASE MATERIAL: \_\_\_\_\_

BASE FINISH: \_\_\_\_\_

NON-SKID PAD: Yes No (Circle one)

**STUD**

STUD MATERIAL: \_\_\_\_\_

STUD FINISH: \_\_\_\_\_

**SPECIAL FEATURES**

SPECIAL STUD FEATURES: \_\_\_\_\_

SPECIAL BASE FEATURES: \_\_\_\_\_

QUANTITY REQUESTED: \_\_\_\_\_

ESTIMATED ANNUAL USAGE: \_\_\_\_\_

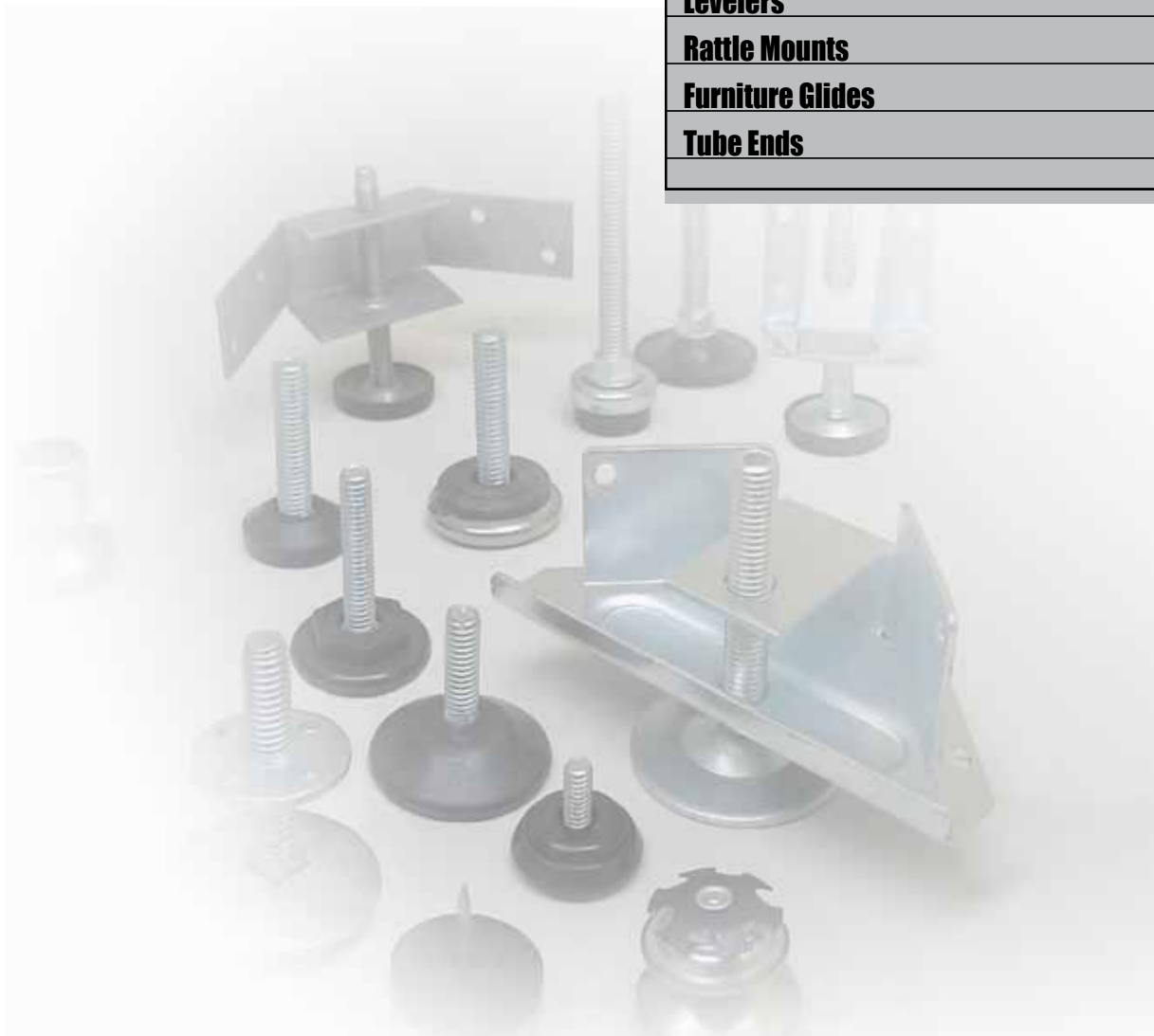
INDUSTRY WHERE USED: \_\_\_\_\_

ADDITIONAL REQUESTS OR COMMENTS: \_\_\_\_\_



## Furniture Glides

<b>Corner Brackets</b>	<b>79-80</b>
<b>Levelers</b>	<b>80-81</b>
<b>Rattle Mounts</b>	<b>81</b>
<b>Furniture Glides</b>	<b>82-83</b>
<b>Tube Ends</b>	<b>84-85</b>



# Furniture Glides

S&W's furniture glides give manufacturers a range of solutions for all types of furniture, cabinets, and gaming equipment. From heavy duty inside corner mounts to nail-on plastic base glides, you will find a glide that meets your needs and specifications for a low, low cost.

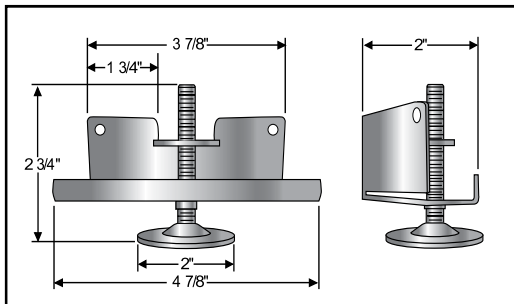


## Heavy-duty Corner Levelers

Attaches under edge and inside base wall of cabinet or furniture to supply invisible lift and leveling support with just four screws. Wide foot pad provides solid base of support for up to 330 lbs per four leveling mounts. Customized fit courtesy of simple allen wrench (not included).



Parts included: 4-taping screws, bolt, bolt plate, and stamping part



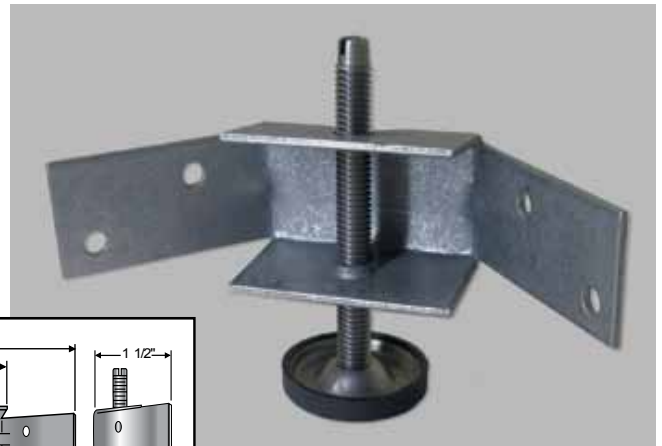
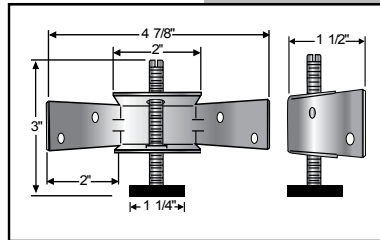
P/N	Bracket Assemblies Per pak	Base Diameter	Thread Size	Thread Length	Height Adjustment Range	Min Installation Height	Size For Adjustment at top
SW-RCL-12	2	2"	M10	2.5"	1"	3"	3/16"

Type of Tool for Top Adjustment	Mounting Holes	Hole Diameter	Black Plastic Cap for Leveler	Mounting Fasteners Included	Bracket Dimensions	Load Capacity
Allen	4	.19"	No	4	4.93"w x 1.45"h x 1.97"d	100 lbs

All parts are available separately, please call for details

## Corner Leveler

Attaches under edge and inside base wall of cabinet or furniture to supply invisible lift and leveling support with just four screws. Wide foot pad provides solid base of support for up to 330 lbs per four leveling mounts. Customized fit courtesy of simple allen wrench (not included).



Parts included: Plastic cover, black plastic cover, 4-taping screws, bolt, bolt plate, and stamping part

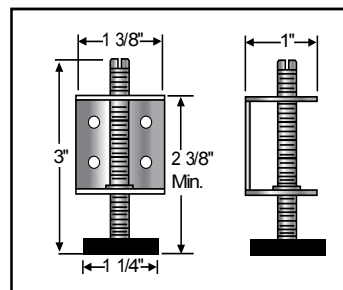
P/N	Bracket Assemblies Per pak	Base Diameter	Thread Size	Thread Length	Height Adjustment Range	Min Installation Height	Size For Adjustment at top
SW-RACS-8A	1	1 5/16"	M8	2 1/16"	2-1/2"	3"	.060"

Type of Tool for Top Adjustment	Mounting Holes	Hole Diameter	Black Plastic Cap for Leveler	Mounting Fasteners Included	Bracket Dimensions	Load Capacity
Screw drive	4	.19"	Yes	4	4.82" w x 1.32" h x 1.44" d	100 lbs

All parts are available separately, please call for details

## Heavy-duty Bracket Leveler

OEM can attach brackets at factory, and thread the polymer padded leveling mount on location for smooth, inexpensive, damage-free shipping. Brackets should be installed on long cabinets or furniture every 2' for best results. Adjusts up to 3" and supports 100 lbs. per mount., Inch



Parts included: 4-taping screws, bolt, bolt plate, and stamping part

P/N	Bracket Assemblies Per pak	Base Diameter	Thread Size	Thread Length	Height Adjustment Range	Min Installation Height	Size For Adjustment at top
SW-RAS-8B	1	1 5/16"	M8	2 1/16"	2 1/2"	3"	0.060"

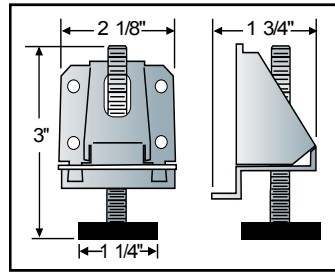
Type of Tool for Top Adjustment	Mounting Holes	Hole Diameter	Black Plastic Cap for Leveler	Mounting Fasteners Included	Bracket Dimensions	Load Capacity
Screw drive	4	.19"	No	4	4.82" w x 1.45" h x 1.97" d	100 lbs

All parts are available separately, please call for details

# Heavy-duty Lifting Levelers

For extra support of heavy loads, this wall bracket attaches under the bottom edge of furniture or cabinet for perfect lift and leveling. Padded, swivel foot mount promises easy glide and a level surface.

Parts included: Plastic cover, black plastic cover, 4-taping screws, bolt, bolt plate, and stamping part



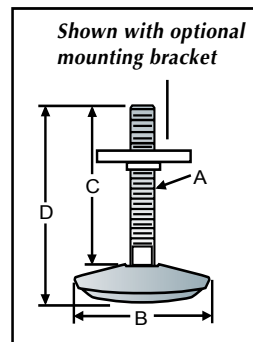
P/N	Bracket Assemblies Per pak	Base Diameter	Thread Size	Thread Length	Height Adjustment Range	Min Installation Height	Size For Adjustment at top
SW-RHDLV-32	4	1 1/4"	M10	2.69"	2-1/2"	3"	3/16"

Type of Tool for Top Adjustment	Mounting Holes	Hole Diameter	Black Plastic Cap for Leveler	Mounting Fasteners Included	Bracket Dimensions	Load Capacity
Allen	4	.19"	Yes	4	2.14" w x 2.15" h x 1.31"d	100 lbs

All parts are available separately, please call for details

# Rattle Mounts

Rattle Mount with Mounting Bracket



## Rattle Mount

P/N	Max Load (lbs)	Thread Size (A)	Base Diameter (B)	Thread Length (C)	Min Installation Height
RESW-1Z	300	5/16-18"	1-3/4"	1-3/4"	2"
RESW-1ELZ	500	3/8-16"	1-3/4"	1-1/2"	1-3/4"
RESW-2Z	500	3/8-16"	1-3/4"	2"	2-1/4"
RESW-3Z	500	3/8-16"	1-3/4"	3"	3-1/4"

## Rattle Mount with Bracket

P/N	Max Load (lbs)	Thread Size (A)	Base Diameter (B)	Thread Length (C)	Height (D)	Package Qty.
SW-RCLE-8C	500	3/8-16"	1-3/4"	1-3/4"	1-1/2"	4

## Poly Cushion Top Levelers

Stainless steel base with Polyethylene-cushioned top

P/N	Max Load (lbs)	Thread Size	Base Diameter	Thread Length	Total Length	Package Qty.
SW-5T12	50	8-32	1 1/8"	3/8"	1 3/16"	4
SW-5T15	125	1/4-20	1 7/32"	7/8"	1 3/8"	4
SW-5T16*	100	1/4-20	1 9/16"	7/8"	1 3/8"	4
SW-5T17	300	3/8-16	1 9/16"	1 5/8"	1 15/16"	4

\*Includes Propeller nut



## PVC Base Glide

P/N	Max Load (lbs)	Thread Size	Base Diameter	Thread Length	Total Length	Package Qty.
SW-4T51	50	1/4-20	1 1/8"	1/2"	15/16"	12
SW-4T52	50	1/4-20	1 1/8"	1"	1 3/8"	12
SW-4T54	50	5/16-18	1 1/8"	1"	1 3/8"	12
SW-4T55	50	5/16-18	1 1/8"	1 1/2"	1 7/8"	12



## Poly Cushion Base Levelers

Zinc-Plated steel top with Polyethylene-cushioned base

P/N	Max Load (lbs)	Thread Size	Base Diameter	Thread Length	Total Length	Package Qty.
SW-5T18	150	5/16-18	1 1/8"	3/4"	1 1/2"	4
SW-5T21	150	5/16-18	1 1/8"	1 1/2"	2 1/4"	4
SW-5T19	150	3/8-16	1 1/8"	3"	3 3/4"	4
SW-4066-SC2-MC	200	1/2-13	1.6"	3"	4 1/16"	4

Enlarged cushion detail



## Self Adjusting Table Glides

Spring design allows for self-adjustment when moving table or furniture on uneven floors. The foot pad's nylon housing is attractively unobtrusive, and protects floors.

P/N	Max Load (lbs)	Thread Size	Base Diameter	Height	Total Length
SW-5T91	75	1/4-20	1-1/4"	1-1/4"	5/16"
SW-5T92	75	5/16-18	1-5/16"	1-29/64"	3/8"
SW-5T93	75	3/8-16	1-5/16"	1-37/64"	1/2"

Additional sizes available, please call for details



## Cushioned Nail-on Glides, Steel Base

P/N	Base Diameter	Base Height	Nail Height	Base Material
SW-120120	19mm	10mm	17mm	Nickel
SW-120121	22mm	10mm	17mm	Nickel
SW-120122	24mm	10mm	17mm	Nickel
SW-120123	27mm	10mm	17mm	Nickel



## Nail-on Glides, Plastic Base

P/N	Base Diameter	Base Height	Nail Height	Base Material
SW-120140	3/4"	1/4"	23/32"	Nylon
SW-120141	7/8"	1/4"	23/32"	Nylon
SW-120142	1"	1/4"	23/32"	Nylon
SW-120143	1-1/8"	1/4"	23/32"	Nylon



## Cushioned Nail-on Glides, Plastic Base

P/N	Base Diameter	Rubber Cushion	Nylon Base Height	Nail Height	Base Material
SW-120030	1/2"	1/4"	4/25"	25/32"	Rubber/Nylon
SW-120031	5/8"	1/4"	4/25"	25/32"	Rubber/Nylon
SW-120032	3/4"	1/4"	4/25"	25/32"	Rubber/Nylon
SW-120033	7/8"	1/4"	4/25"	25/32"	Rubber/Nylon
SW-120034	1"	1/4"	4/25"	25/32"	Rubber/Nylon
SW-120035	1-1/8"	1/4"	4/25"	25/32"	Rubber/Nylon



## Square Clip Tube Ends



### 1/4-20

P/N	Tube O.D.	Tube	Screw Thread
SW-130100	7/8"	16/18GA	Zinc Plated
SW-130101	1"	16/18GA	Zinc Plated
SW-130102	1-1/8"	16/18GA	Zinc Plated

### 5/16-18

P/N	Tube O.D.	Tube	Screw Thread
SW-130110	1"	16/18GA	Zinc Plated
SW-130112	1-1/8"	16/18GA	Zinc Plated
SW-130113	1-1/4"	16/18GA	Zinc Plated

### 3/8-16

P/N	Tube O.D.	Tube	Screw Thread
SW-130140	7/8"	16/18GA	Zinc Plated
SW-130141	1"	16/18GA	Zinc Plated
SW-130142	1-1/8"	16/18GA	Zinc Plated

## Square Threaded Tube Ends



### 1/4-20

P/N	Tube O.D.	Tube	Screw Thread
SW-130040	5/8"	16/18GA	Zinc Plated
SW-130041	3/4"	16/18GA	Zinc Plated
SW-130042	7/8"	16/18GA	Zinc Plated
SW-130043	1"	16/18GA	Zinc Plated
SW-130044	1-1/8"	16/18GA	Zinc Plated
SW-130045	1-1/4"	16/18GA	Zinc Plated
SW-130046	1-1/2"	16/18GA	Zinc Plated
SW-130047	1-3/4"	16/18GA	Zinc Plated
SW-130048	2"	16/18GA	Zinc Plated

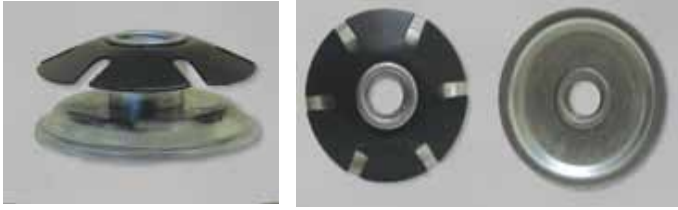
### 5/16-18

P/N	Tube O.D.	Tube	Screw Thread
SW-130050	7/8"	16/18GA	Zinc Plated
SW-130051	1"	16/18GA	Zinc Plated
SW-130052	1-1/8"	16/18GA	Zinc Plated
SW-130053	1-1/4"	16/18GA	Zinc Plated
SW-130054	1-1/2"	16/18GA	Zinc Plated
SW-130055	1-3/4"	16/18GA	Zinc Plated
SW-130056	2"	16/18GA	Zinc Plated

### 3/8-16

P/N	Tube O.D.	Tube	Screw Thread
SW-130060	7/8"	16/18GA	Zinc Plated
SW-130061	1"	16/18GA	Zinc Plated
SW-130062	1-1/8"	16/18GA	Zinc Plated
SW-130063	1-1/4"	16/18GA	Zinc Plated
SW-130064	1-1/2"	16/18GA	Zinc Plated
SW-130065	1-3/4"	16/18GA	Zinc Plated
SW-130066	2"	16/18GA	Zinc Plated

## Round Threaded Tube Ends



### 1/4-20

P/N	Tube O.D.	Tube	Screw Thread
SW-130010	5/8"	16/18GA	Zinc Plated
SW-130011	3/4"	16/18GA	Zinc Plated
SW-130012	7/8"	16/18GA	Zinc Plated
SW-130013	1"	16/18GA	Zinc Plated
SW-130014	1-1/8"	16/18GA	Zinc Plated
SW-130015	1-1/4"	16/18GA	Zinc Plated
SW-130016	1-1/2"	16/18GA	Zinc Plated
SW-130017	1-3/4"	16/18GA	Zinc Plated
SW-130018	2"	16/18GA	Zinc Plated

### 5/16-18

P/N	Tube O.D.	Tube	Screw Thread
SW-130020	7/8"	16/18GA	Zinc Plated
SW-130021	1"	16/18GA	Zinc Plated
SW-130022	1-1/8"	16/18GA	Zinc Plated
SW-130023	1-1/4"	16/18GA	Zinc Plated
SW-130024	1-1/2"	16/18GA	Zinc Plated
SW-130025	1-3/4"	16/18GA	Zinc Plated
SW-130026	2"	16/18GA	Zinc Plated

### 3/8-16

P/N	Tube O.D.	Tube	Screw Thread
SW-130030	7/8"	16/18GA	Zinc Plated
SW-130031	1"	16/18GA	Zinc Plated
SW-130032	1-1/8"	16/18GA	Zinc Plated
SW-130033	1-1/4"	16/18GA	Zinc Plated
SW-130034	1-1/2"	16/18GA	Zinc Plated
SW-130035	1-3/4"	16/18GA	Zinc Plated
SW-130036	2"	16/18GA	Zinc Plated

## Heavy-duty Threaded Adapters



### 1/4-20

P/N	Tube O.D.	Tube	Screw Thread
SW-130070	3/4"	16/18GA	Zinc Plated
SW-130071	7/8"	16/18GA	Zinc Plated
SW-130072	1"	16/18GA	Zinc Plated
SW-130073	1-1/8"	16/18GA	Zinc Plated
SW-130074	1-1/4"	16/18GA	Zinc Plated
SW-130075	1-1/2"	16/18GA	Zinc Plated
SW-130076	1-3/4"	16/18GA	Zinc Plated
SW-130077	2"	16/18GA	Zinc Plated

### 5/16-18

P/N	Tube O.D.	Tube	Screw Thread
SW-130080	7/8"	16/18GA	Zinc Plated
SW-130081	1"	16/18GA	Zinc Plated
SW-130082	1-1/8"	16/18GA	Zinc Plated
SW-130083	1-1/4"	16/18GA	Zinc Plated
SW-130084	1-1/2"	16/18GA	Zinc Plated
SW-130085	1-3/4"	16/18GA	Zinc Plated
SW-130086	2"	16/18GA	Zinc Plated

### 3/8-16

P/N	Tube O.D.	Tube	Screw Thread
SW-130090	7/8"	16/18GA	Zinc Plated
SW-130091	1"	16/18GA	Zinc Plated
SW-130092	1-1/8"	16/18GA	Zinc Plated
SW-130093	1-1/4"	16/18GA	Zinc Plated
SW-130094	1-1/2"	16/18GA	Zinc Plated
SW-130095	1-3/4"	16/18GA	Zinc Plated
SW-130096	2"	16/18GA	Zinc Plated



## Spring Loaded Devices

<b>Knurled Hand-Retractable Spring Plungers</b>	<b>88-89</b>
<b>L-Handle Hand-Retractable Spring Plungers</b>	<b>90-91</b>
<b>T-Handle Hand-Retractable Spring Plungers</b>	<b>92</b>
<b>Pull Ring Hand-Retractable Spring Plungers</b>	<b>93-96</b>
<b>Delrin® Knob Hand-Retractable Spring Plungers</b>	<b>97-98</b>
<b>Ball &amp; Spring Plungers</b>	<b>99</b>
<b>Standard Spring Plunger</b>	<b>100-102</b>
<b>Short Spring Plunger</b>	<b>103-105</b>
<b>Ball Plunger</b>	<b>106-108</b>
<b>Press Fit Plunger</b>	<b>109-111</b>

# Hand Retractable Spring Plungers

S&W hand retractable spring plungers are precision machined from solid bar stock. The retractable plunger is hardened for greater side load strength in the extended position and is slightly tapered for easy alignment. All handle styles are easy to grip for fast, one-handed operation. With a 90° turn of the handle, the locking types will lock the plunger in the retracted position.

Hand retractable plungers have many industrial, medical and consumer applications and are commonly used as indexing, positioning and fastening components. Their quick disconnect and positive locking features are ideal for sports and recreational equipment.

## Knurled Handle Style

The knurled knob is easy to grip and turn. Available as locking and non-locking and in yellow zinc plated steel, 303 stainless steel, 316 stainless steel and brass.



## L-Handle Style

The L-shaped handle rotates 360° allowing it to be located out of the way in limited space applications. Available as locking and non-locking and in clear zinc plated steel, 303 stainless steel, 316 stainless steel and with a nylon nose.



## Pull Ring Style

The convenient pull ring permits fast, one-finger operation. Available as locking and non-locking and in clear zinc plated steel, stainless steel and brass.



## Delrin® Button Handle Style

The smooth appearance of this black Delrin® handle makes it ideal for consumer, food and medical applications. Available in black oxide or stainless steel as either a locking or non-locking nose.



## T-Handle Style

The T-shaped handle makes this locking retractable plunger easy to grasp and turn. Available in zinc-plated steel or stainless.

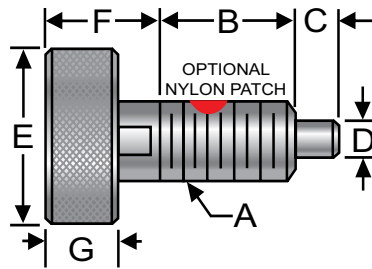


## Specifications:

- Body, handle and plunger are steel, stainless steel or brass
- CNC machined from solid bar stock
- Steel plungers are hardened for extra side load strength
- 10-32 to 1-8 threads (depending on style)
- Optional nylon patch for locking body into place

# Knurled Knob Locking Nose

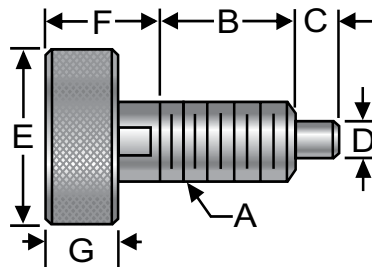
Steel, Stainless Steel, and Brass  
 Locking Hand-Retractable Knurled  
 Handle Spring Plungers.



## Locking Nose With Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (B)	Nose Length (C)	Nose Dia. (D)	Knob Dia. (E)	Knob/Hub Length (F)	Knurled Width (G)	End Force (lbs)	
											Start	Final
WKLS-0	SWKLS-0	SWKLS-0-316	BWKLS-0	10-32	0.40	0.09	0.104	3/8	1/4	3/16	0.5	3
WKLS-1	SWKLS-1	SWKLS-1-316	BWKLS-1	1/4-20	0.40	0.13	0.123	1/2	5/16	3/16	1	4
WKLS-2	SWKLS-2	SWKLS-2-316	BWKLS-2	5/16-18	0.63	0.19	0.154	5/8	3/8	1/4	1	5
WKLS-3	SWKLS-3	SWKLS-3-316	BWKLS-3	3/8-16	0.75	0.22	0.185	3/4	1/2	5/16	1	8
WKLS-4	SWKLS-4	SWKLS-4-316	BWKLS-4	1/2-13	0.88	0.25	0.248	1	5/8	3/8	1	10
WKLS-5	SWKLS-5	SWKLS-5-316	BWKLS-5	5/8-11	0.88	0.32	0.312	1-1/4	3/4	7/16	1.5	12
WKLS-6	SWKLS-6	SWKLS-6-316	BWKLS-6	3/4-10	1.20	0.45	0.375	1-1/2	13/16	1/2	1.5	16

Also available with nylon pellet.

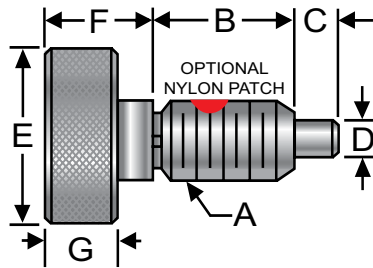


## Locking Nose Without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (B)	Nose Length (C)	Nose Dia. (D)	Knob Dia. (E)	Knob/Hub Length (F)	Knurled Width (G)	End Force (lbs)	
											Start	Final
KLS-0	SKLS-0	SKLS-0-316	BKLS-0	10-32	0.40	0.09	0.104	3/8	1/4	3/16	0.5	3
KLS-1	SKLS-1	SKLS-1-316	BKLS-1	1/4-20	0.40	0.13	0.123	1/2	5/16	3/16	1	4
KLS-2	SKLS-2	SKLS-2-316	BKLS-2	5/16-18	0.63	0.19	0.154	5/8	3/8	1/4	1	5
KLS-3	SKLS-3	SKLS-3-316	BKLS-3	3/8-16	0.75	0.22	0.185	3/4	1/2	5/16	1	8
KLS-4	SKLS-4	SKLS-4-316	BKLS-4	1/2-13	0.88	0.25	0.248	1	5/8	3/8	1	10
KLS-5	SKLS-5	SKLS-5-316	BKLS-5	5/8-11	0.88	0.32	0.312	1-1/4	3/4	7/16	1.5	12
KLS-6	SKLS-6	SKLS-6-316	BKLS-6	3/4-10	1.20	0.45	0.375	1-1/2	13/16	1/2	1.5	16

# Knurled Knob Non-Locking

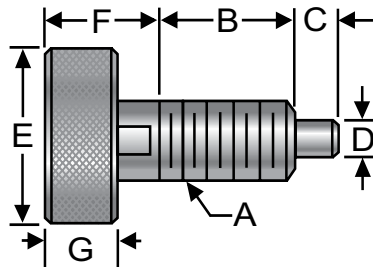
Steel, Stainless Steel, and Brass  
Non-Locking Hand-Retractable  
Knurled Handle Spring Plungers.



## Non-locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (B)	Nose Length (C)	Nose Dia. (D)	Knob Dia. (E)	Knob/Hub Length (F)	Knurled Width (G)	End Force (lbs)	
											Start	Final
WKNL-0	SWKNL-0	SWKNL-0-316	BWKNL-0	10-32	0.40	0.09	0.104	3/8	1/4	3/16	0.5	3
WKNL-1	SWKNL-1	SWKNL-1-316	BWKNL-1	1/4-20	0.50	0.13	0.124	1/2	5/16	3/16	1	4
WKNL-2	SWKNL-2	SWKNL-2-316	BWKNL-2	5/16-18	0.63	0.19	0.155	5/8	3/8	1/4	1	6
WKNL-3	SWKNL-3	SWKNL-3-316	BWKNL-3	3/8-16	0.75	0.22	0.186	3/4	1/2	5/16	1	8
WKNL-4	SWKNL-4	SWKNL-4-316	BWKNL-4	1/2-13	0.88	0.25	0.249	1	5/8	3/8	1	10
WKNL-5	SWKNL-5	SWKNL-5-316	BWKNL-5	5/8-11	1.00	0.32	0.312	1-1/4	3/4	7/16	1.5	12
WKNL-6	SWKNL-6	SWKNL-6-316	BWKNL-6	3/4-10	1.20	0.45	0.375	1-1/2	13/16	1/2	1.5	16

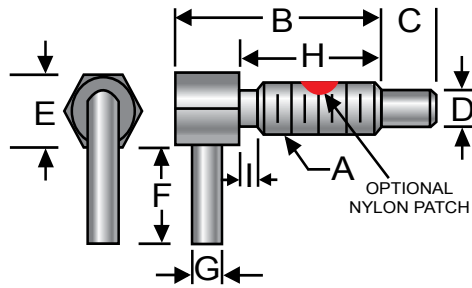
Also available with nylon pellet.



## Non-locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (B)	Nose Length (C)	Nose Dia. (D)	Knob Dia. (E)	Knob/Hub Length (F)	Knurled Width (G)	End Force (lbs)	
											Start	Final
KNL-0	SKNL-0	SKNL-0-316	BKNL-0	10-32	0.40	0.09	0.104	3/8	1/4	3/16	0.5	3
KNL-1	SKNL-1	SKNL-1-316	BKNL-1	1/4-20	0.50	0.13	0.124	1/2	5/16	3/16	1	4
KNL-2	SKNL-2	SKNL-2-316	BKNL-2	5/16-18	0.63	0.19	0.155	5/8	3/8	1/4	1	6
KNL-3	SKNL-3	SKNL-3-316	BKNL-3	3/8-16	0.75	0.22	0.186	3/4	1/2	5/16	1	8
KNL-4	SKNL-4	SKNL-4-316	BKNL-4	1/2-13	0.88	0.25	0.249	1	5/8	3/8	1	10
KNL-5	SKNL-5	SKNL-5-316	BKNL-5	5/8-11	1.00	0.32	0.312	1-1/4	3/4	7/16	1.5	12
KNL-6	SKNL-6	SKNL-6-316	BKNL-6	3/4-10	1.20	0.45	0.375	1-1/2	13/16	1/2	1.5	16

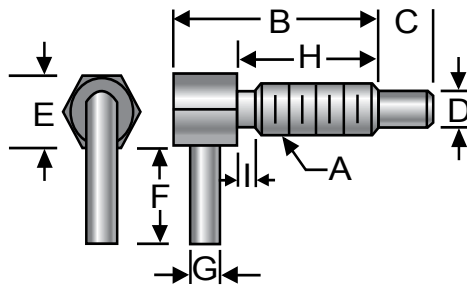
# L-Handle Locking Nose



## Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread Size (A)	Thread Length (H)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	Hex Size (E)	Handle Length (F)	Handle Dia. (G)	Thread Relief (I)	End Force (lbs) Start Final	
LLW-0	SLLW-0	SLLW-0-316	1/4-20	0.50	0.75	0.20	0.16	1/4	0.40	0.09	-	0.12	0.5
LLW-1	SLLW-1	SLLW-1-316	1/4-20	0.80	1.25	0.38	0.16	1/4	0.50	0.09	-	0.5	2.5
LLW-2	SLLW-2	SLLW-2-316	3/8-16	0.75	1.13	0.30	0.25	3/8	0.56	0.14	0.13	0.25	1.25
LLW-3	SLLW-3	SLLW-3-316	3/8-16	1.31	2.00	0.56	0.25	3/8	0.75	0.14	0.13	0.75	3.75
LLW-4	SLLW-4	SLLW-4-316	1/2-13	1.00	1.50	0.40	0.31	1/2	0.75	0.19	0.13	0.5	2
LLW-5	SLLW-5	SLLW-5-316	1/2-13	1.25	2.11	0.75	0.31	1/2	1.00	0.19	0.13	1	5
LLW-6	SLLW-6	SLLW-6-316	5/8-11	1.25	1.88	0.50	0.38	5/8	0.88	0.19	0.13	0.75	2.5
LLW-7	SLLW-7	SLLW-7-316	5/8-11	2.00	3.05	1.00	0.38	5/8	1.00	0.19	0.13	1	5

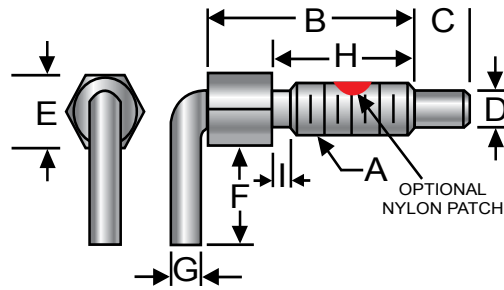
Also available with nylon pellet.



## Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Thread Size (A)	Thread Length (H)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	Hex Size (E)	Handle Length (F)	Handle Dia. (G)	Thread Relief (I)	End Force (lbs) Start Final	
LL-0	LLS-0	LLS-0-316	1/4-20	0.50	0.75	0.20	0.16	1/4	0.40	0.09	-	0.12	0.5
LL-1	LLS-1	LLS-1-316	1/4-20	0.80	1.25	0.38	0.16	1/4	0.50	0.09	-	0.5	2.5
LL-2	LLS-2	LLS-2-316	3/8-16	0.75	1.13	0.30	0.25	3/8	0.56	0.14	0.13	0.25	1.25
LL-3	LLS-3	LLS-3-316	3/8-16	1.31	2.00	0.56	0.25	3/8	0.75	0.14	0.13	0.75	3.75
LL-4	LLS-4	LLS-4-316	1/2-13	1.00	1.50	0.40	0.31	1/2	0.75	0.19	0.13	0.5	2
LL-5	LLS-5	LLS-5-316	1/2-13	1.25	2.11	0.75	0.31	1/2	1.00	0.19	0.13	1	5
LL-6	LLS-6	LLS-6-316	5/8-11	1.25	1.88	0.50	0.38	5/8	0.88	0.19	0.13	0.75	2.5
LL-7	LLS-7	LLS-7-316	5/8-11	2.00	3.05	1.00	0.38	5/8	1.00	0.19	0.13	1	5

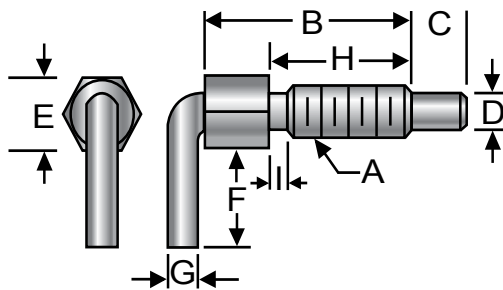
# L-Handle Non-Locking Nose



## Non-Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Steel with Nylon Nose P/N	316 Stainless P/N	Thread Size (A)	Thread Length (H)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	Hex Size (E)	Handle Length (F)	Handle Dia. (G)	Thread Relief (I)	End Force (lbs)	
													Start	Final
LNW-0	SLNW-0	NLNW-0	SLNW-0-316	1/4-20	0.50	0.75	0.20	0.16	1/4	0.40	0.09	-	0.12	0.5
LNW-1	SLNW-1	NLNW-1	SLNW-1-316	1/4-20	0.80	1.25	0.38	0.16	1/4	0.50	0.09	-	0.5	2.5
LNW-2	SLNW-2	NLNW-2	SLNW-2-316	3/8-16	0.75	1.13	0.30	0.25	3/8	0.56	0.14	0.13	0.25	1.25
LNW-3	SLNW-3	NLNW-3	SLNW-3-316	3/8-16	1.31	2.00	0.56	0.25	3/8	0.75	0.14	0.13	0.75	3.75
LNW-4	SLNW-4	NLNW-4	SLNW-4-316	1/2-13	1.00	1.50	0.40	0.31	1/2	0.75	0.19	0.13	0.5	2
LNW-5	SLNW-5	NLNW-5	SLNW-5-316	1/2-13	1.25	2.11	0.75	0.31	1/2	1.00	0.19	0.13	1	5
LNW-6	SLNW-6	NLNW-6	SLNW-6-316	5/8-11	1.25	1.88	0.50	0.38	5/8	0.88	0.19	0.13	0.75	2.5
LNW-7	SLNW-7	NLNW-7	SLNW-7-316	5/8-11	2.00	3.05	1.00	0.38	5/8	1.00	0.19	0.13	1	5

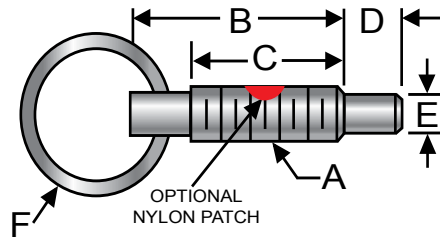
Also available with nylon pellet.



## Non-Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Steel with Nylon Nose P/N	316 Stainless P/N	Thread Size (A)	Thread Length (H)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	Hex Size (E)	Handle Length (F)	Handle Dia. (G)	Thread Relief (I)	End Force (lbs)	
													Start	Final
LN-0	LNS-0	NLN-0	LNS-0-316	1/4-20	0.50	0.75	0.20	0.16	1/4	0.40	0.09	-	0.12	0.5
LN-1	LNS-1	NLN-1	LNS-1-316	1/4-20	0.80	1.25	0.38	0.16	1/4	0.50	0.09	-	0.5	2.5
LN-2	LNS-2	NLN-2	LNS-2-316	3/8-16	0.75	1.13	0.30	0.25	3/8	0.56	0.14	0.13	0.25	1.25
LN-3	LNS-3	NLN-3	LNS-3-316	3/8-16	1.31	2.00	0.56	0.25	3/8	0.75	0.14	0.13	0.75	3.75
LN-4	LNS-4	NLN-4	LNS-4-316	1/2-13	1.00	1.50	0.40	0.31	1/2	0.75	0.19	0.13	0.5	2
LN-5	LNS-5	NLN-5	LNS-5-316	1/2-13	1.25	2.11	0.75	0.31	1/2	1.00	0.19	0.13	1	5
LN-6	LNS-6	NLN-6	LNS-6-316	5/8-11	1.25	1.88	0.50	0.38	5/8	0.88	0.19	0.13	0.75	2.5
LN-7	LNS-7	NLN-7	LNS-7-316	5/8-11	2.00	3.05	1.00	0.38	5/8	1.00	0.19	0.13	1	5

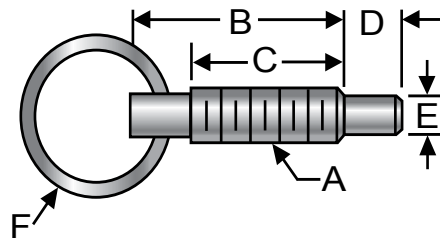
# Pull Ring Locking Nose



## Standard Pull Ring Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
STPRW25	SSTPRW25	BSTPRW25	1/4-20	0.80	1.14	0.250	0.155	7/8	1	2.5
STPRW38	SSTPRW38	BSTPRW38	3/8-16	1.20	1.68	0.375	0.233	7/8	2	4
STPRW50	SSTPRW50	BSTPRW50	1/2-13	1.40	2.00	0.500	0.312	1	2.5	5
STPRW58	SSTPRW58	BSTPRW58	5/8-11	2.27	3.35	0.550	0.312	1 1/4	3	6
STPRW75	SSTPRW75	BSTPRW75	3/4-10	2.69	4.06	0.650	0.430	1 3/8	5	10
STPRW100	SSTPRW100	BSTPRW100	1-8	3.25	4.63	0.900	0.680	1 3/8	8	20

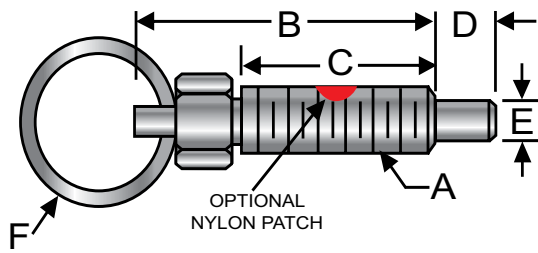
Also available with nylon pellet.



## Locking Nose, Standard Pull Ring, without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
STPR25	SSTPR25	BSTPR25	1/4-20	0.80	1.14	0.250	0.155	7/8	1	2.5
STPR38	SSTPR38	BSTPR38	3/8-16	1.20	1.68	0.375	0.233	7/8	2	4
STPR50	SSTPR50	BSTPR50	1/2-13	1.40	2.00	0.500	0.312	1	2.5	5
STPR58	SSTPR58	BSTPR58	5/8-11	2.27	3.35	0.550	0.312	1 1/4	3	6
STPR75	SSTPR75	BSTPR75	3/4-10	2.69	4.06	0.650	0.430	1 3/8	5	10
STPR100	SSTPR100	BSTPR100	1-8	3.25	4.63	0.900	0.680	1 3/8	8	20

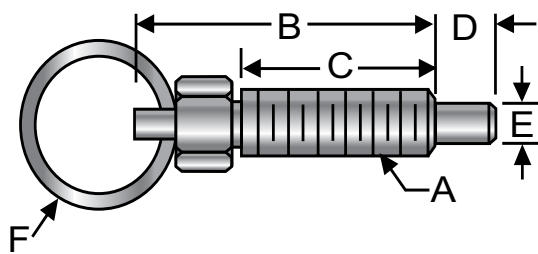
# Pull-Ring Handle Non-Locking Nose



## Non-Locking Nose, Standard Pull Ring, with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
NSTPRW25	NSSTPRW25	BNSTPRW25	1/4-20	1.14	0.80	0.250	0.155	7/8	1	2.5
NSTPRW38	NSSTPRW38	BNSTPRW38	3/8-16	1.68	1.20	0.375	0.233	7/8	2	4
NSTPRW50	NSSTPRW50	BNSTPRW50	1/2-13	2.00	1.40	0.500	0.312	1	2.5	5
NSTPRW58	NSSTPRW58	BNSTPRW58	5/8-11	3.35	2.27	0.550	0.312	1 1/4	3	6
NSTPRW75	NSSTPRW75	BNSTPRW75	3/4-10	4.06	2.69	0.650	0.430	1 3/8	5	10
NSTPRW100	NSSTPRW100	BNSTPRW100	1-8	4.63	3.25	0.900	0.680	1 3/8	8	20

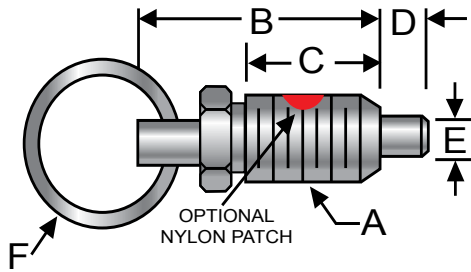
Also available with nylon pellet.



## Standard Pull Ring Non-Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
NSTPR25	NSSTPR25	BNSTPR25	1/4-20	1.14	0.80	0.250	0.155	7/8	1	2.5
NSTPR38	NSSTPR38	BNSTPR38	3/8-16	1.68	1.20	0.375	0.233	7/8	2	4
NSTPR50	NSSTPR50	BNSTPR50	1/2-13	2.00	1.40	0.500	0.312	1	2.5	5
NSTPR58	NSSTPR58	BNSTPR58	5/8-11	3.35	2.27	0.550	0.312	1 1/4	3	6
NSTPR75	NSSTPR75	BNSTPR75	3/4-10	4.06	2.69	0.650	0.430	1 3/8	5	10
NSTPR100	NSSTPR100	BNSTPR100	1-8	4.63	3.25	0.900	0.680	1 3/8	8	20

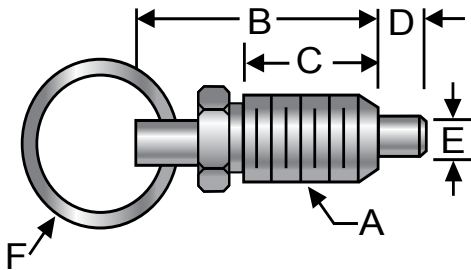
# Stubby Pull Ring Non-Locking Nose



## Stubby Pull Ring Non-Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
PRW25	SPRW25	BPRW25	1/4-20	0.31	0.57	0.19	0.160	3/4	0.5	2
PRW38	SPRW38	BPRW38	3/8-16	0.44	0.82	0.28	0.250	3/4	0.75	3
PRW50	SPRW50	BPRW50	1/2-13	0.56	1.06	0.38	0.310	1	1	4
PRW58	SPRW58	BPRW58	5/8-11	0.69	1.31	0.44	0.380	1	1.25	5
PRW75	SPRW75	BPRW75	3/4-10	0.88	1.50	0.50	0.437	1 1/8	1.5	6
PRW100	SPRW100	BPRW100	1-8	1.00	1.75	0.63	0.500	1 1/8	1.75	7

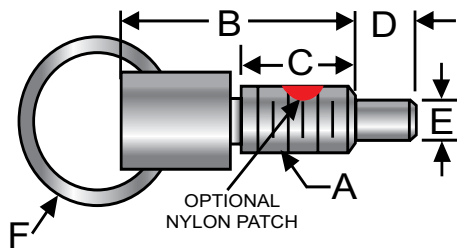
Also available with nylon pellet.



## Stubby Pull Ring Non-Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
									Start	Final
PR25	SPR25	BPR25	1/4-20	0.31	0.57	0.19	0.160	3/4	0.5	2
PR38	SPR38	BPR38	3/8-16	0.44	0.82	0.28	0.250	3/4	0.75	3
PR50	SPR50	BPR50	1/2-13	0.56	1.06	0.38	0.310	1	1	4
PR58	SPR58	BPR58	5/8-11	0.69	1.31	0.44	0.380	1	1.25	5
PR75	SPR75	BPR75	3/4-10	0.88	1.50	0.50	0.437	1 1/8	1.5	6
PR100	SPR100	BPR100	1-8	1.00	1.75	0.63	0.500	1 1/8	1.75	7

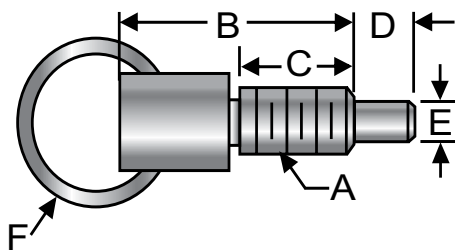
# Stubby Pull Ring Non-Locking Nose



## Stubby Pull Ring Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
										Start	Final
LPRW25	SLPRW25	SLPRW25-316	BLPRW25	1/4-20	0.57	0.31	0.19	0.160	3/4	0.5	2
LPRW38	SLPRW38	SLPRW38-316	BLPRW38	3/8-16	0.82	0.44	0.28	0.250	3/4	0.75	3
LPRW50	SLPRW50	SLPRW50-316	BLPRW50	1/2-13	1.06	0.56	0.38	0.310	1	1	4
LPRW58	SLPRW58	SLPRW58-316	BLPRW58	5/8-11	1.31	0.69	0.44	0.380	1	1.25	5
LPRW75	SLPRW75	SLPRW75-316	BLPRW75	3/4-10	1.50	0.88	0.50	0.437	1 1/8	1.5	6
LPRW100	SLPRW100	SLPRW100-316	BLPRW100	1-8	1.75	1.00	0.63	0.500	1 1/8	1.75	7

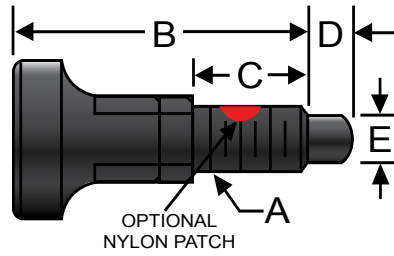
Also available with nylon pellet.



## Stubby Pull Ring Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	316 Stainless P/N	Brass P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	Ring Dia. (F)	End Force (lbs)	
										Start	Final
LPR25	SLPR25	SLPR25-316	BLPR25	1/4-20	0.57	0.31	0.19	0.160	3/4	0.5	2
LPR38	SLPR38	SLPR38-316	BLPR38	3/8-16	0.82	0.44	0.28	0.250	3/4	0.75	3
LPR50	SLPR50	SLPR50-316	BLPR50	1/2-13	1.06	0.56	0.38	0.310	1	1	4
LPR58	SLPR58	SLPR58-316	BLPR58	5/8-11	1.31	0.69	0.44	0.380	1	1.25	5
LPR75	SLPR75	SLPR75-316	BLPR75	3/4-10	1.50	0.88	0.50	0.437	1 1/8	1.5	6
LPR100	SLPR100	SLPR100-316	BLPR100	1-8	1.75	1.00	0.63	0.500	1 1/8	1.75	7

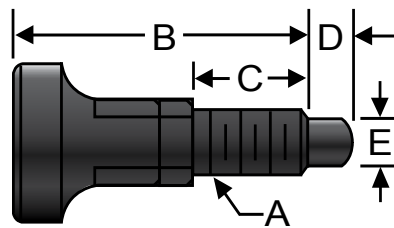
# Delrin® Handle Locking Nose



## Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
DKLW25	SDKLW25	1/4-20	0.63	0.97	0.13	0.16	0.12	0.36
DKLW38	SDKLW38	3/8-16	0.75	1.40	0.18	0.25	0.25	2.0
DKLW50	SDKLW50	1/2-13	1.00	1.90	0.25	0.31	0.50	1.75

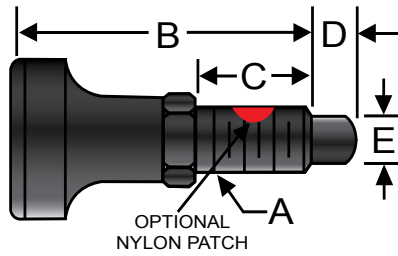
Also available with nylon pellet.



## Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
DKL25	SDKL25	1/4-20	0.63	0.97	0.13	0.16	0.12	0.36
DKL38	SDKL38	3/8-16	0.75	1.40	0.18	0.25	0.25	2.0
DKL50	SDKL50	1/2-13	1.00	1.90	0.25	0.31	0.50	1.75

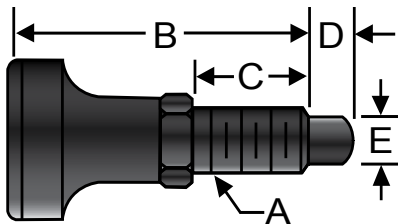
# Delrin® Handle Non-Locking Nose



## Non-Locking Nose with Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
DKNW25	SDKNW25	1/4-20	0.63	0.97	0.13	0.16	0.12	0.36
DKNW38	SDKNW38	3/8-16	0.75	1.40	0.18	0.25	0.25	2.0
DKNW50	SDKNW50	1/2-13	1.00	1.90	0.25	0.31	0.50	1.75

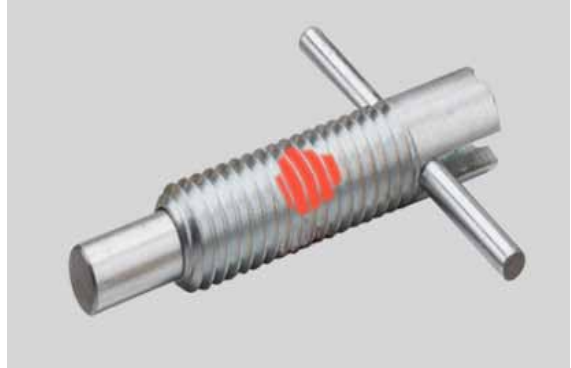
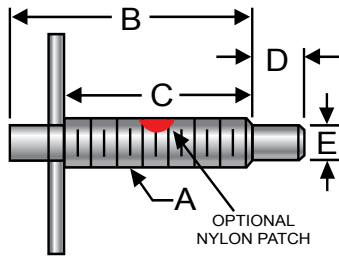
Also available with nylon pellet.



## Non-Locking Nose without Nylon Patch, Inch

Steel P/N	303 Stainless P/N	Thread Size (A)	Thread Length (C)	Body Length (B)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
DKN25	SDKN25	1/4-20	0.63	0.97	0.13	0.16	0.12	0.36
DKN38	SDKN38	3/8-16	0.75	1.40	0.18	0.25	0.25	2.0
DKN50	SDKN50	1/2-13	1.00	1.90	0.25	0.31	0.50	1.75

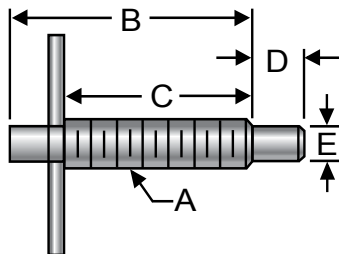
# T-Handle Locking Nose



## T-Handle with Patch

Steel P/N	Stainless P/N	Thread Size (A)	Body Length (B)	Thread Length (C)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
THW25	STHW25	1/4-20	1.14	0.80	0.25	0.155	1.0	2.5
THW38	STHW25	3/8-16	1.68	1.20	0.38	0.233	2.0	4.0
THW50	STHW25	1/2-13	2.00	1.40	0.50	0.312	2.5	5.0
THW58	STHW25	5/8-11	2.38	1.70	0.63	0.375	2.5	5.0

Also available with nylon pellet.



## T-Handle without Patch

Steel P/N	Stainless P/N	Thread Size (A)	Body Length (B)	Thread Length (C)	Nose Length (D)	Nose Dia. (E)	End Force (lbs)	
							Start	Final
TH25	STH25	1/4-20	1.14	0.80	0.25	0.155	1.0	2.5
TH38	STH38	3/8-16	1.68	1.20	0.38	0.233	2.0	4.0
TH50	STH50	1/2-13	2.00	1.40	0.50	0.312	2.5	5.0
TH58	STH58	5/8-11	2.38	1.70	0.63	0.375	2.5	5.0

# Ball & Spring Plungers

S&W Spring and Ball Plungers are devices that enclose a spring in a threaded capsule and provide a means of applying accurate and repeatable spring end forces through a ball or rounded nose. Also known as Spring Loaded Devices (SLDs), the unique features of ball and spring plungers make them essential components in thousands of applications for indexing, positioning, fixturing, latching, locking, ejecting, electrical contacts and many others.

Encapsulating the spring inside the body has several advantages over standard, unprotected springs: installation is fast and easy, side forces can be applied to the assembly and repeatable end forces and extension are maintained throughout the life of the plunger.

Most installations can be done with a screwdriver, but care must be taken since the body is hollow and does not have the strength of a bolt or screw.

## Standard Spring Plunger

These plungers combine positive, controlled spring pressure with a long-travel plunger. Used extensively in fixtures, dies and assemblies. Available in black oxide or stainless steel with a hardened steel or nylon plunger. Also available in 316 stainless and brass.



## Short Spring Plunger

These plungers have the same design as standard spring plungers, but the shorter body and slightly shorter travel make it ideal for use where space is limited. Available in black oxide or stainless steel with a hardened steel or nylon plunger. Also available in 316 stainless and brass.



## Ball Plunger

This compact plunger is used in positioning, indexing and retention applications. The controlled and repeatable spring pressure ensures reliable, consistent operation. Available with a steel or stainless steel body and a hardened chrome steel or stainless steel ball. Also available in 316 stainless and brass.

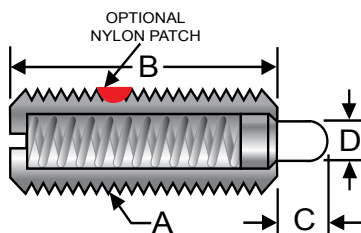


## Press Fit Ball Plunger

Press Fit ball plungers are made from high-grade stainless and black oxide plated steel. They are available in sizes ranging from 1/8" to 1/2". The ball, either steel or nylon, is crimped into the hollow tube for a fit that gives, but doesn't give up.



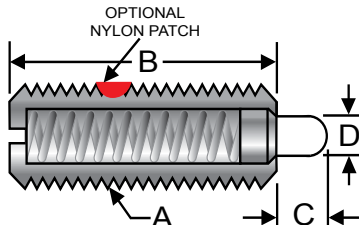
# Standard Spring Plunger Standard End Force Steel & Stainless Steel



## Standard End Force, Inch

Steel Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SW10-1X	-	6-32	3/8	1/16	0.045	1	1.6
SW10-1	-	6-32	17/32	1/16	0.045	1.5	4.5
SW10-2	SWN10-2	8-32	5/8	3/32	0.069	2.7	7.3
SW10-3	SWN10-3	10-32	3/4	1/8	0.092	2.9	11.1
SW10-4X	-	1/4-20	3/4	1/8	0.118	2	9
SW10-4	SWN10-4	1/4-20	1	3/16	0.118	3	13
SW10-4Y	SWN10-4Y	1/4-28	1	3/16	0.118	3	13
SW10-5	SWN10-5	5/16-18	1	3/16	0.134	3	15
SW10-6	SWN10-6	3/8-16	1-1/8	3/16	0.186	5.5	14.5
SW10-8	SWN10-8	1/2-13	1-1/4	1/4	0.248	6.6	17.4
SW10-10	SWN10-10	5/8-11	1-1/2	5/16	0.311	10.5	25.5
SW10-12	-	3/4-10	1-3/4	5/16	0.373	6.7	37.3
SW10-14	-	1-8	2-13/32	1/2	0.498	16	68

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

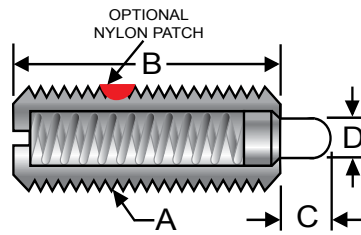


## Stainless-Standard End Force, Inch

303 Stainless P/N	303 Stainless Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SSW10-1X	-	6-32	3/8	1/16	0.045	1	1.6
SSW10-1	-	6-32	17/32	1/16	0.045	1.5	4.5
SSW10-2	SSWN10-2	8-32	5/8	3/32	0.069	2.7	7.3
SSW10-3	SSWN10-3	10-32	3/4	1/8	0.092	2.9	11.1
SSW10-4X	-	1/4-20	3/4	1/8	0.118	2	9
SSW10-4	SSWN10-4	1/4-20	1	3/16	0.118	3	13
SSW10-4Y	SSWN10-4Y	1/4-28	1	3/16	0.118	3	13
SSW10-5	SSWN10-5	5/16-18	1	3/16	0.134	3	15
SSW10-6	SSWN10-6	3/8-16	1-1/8	3/16	0.186	5.5	14.5
SSW10-8	SSWN10-8	1/2-13	1-1/4	1/4	0.248	6.6	17.4
SSW10-10	SSWN10-10	5/8-11	1-1/2	5/16	0.311	10.5	25.5
SSW10-12	-	3/4-10	1-3/4	5/16	0.373	6.7	37.3
SSW10-14	-	1-8	2-13/32	1/2	0.498	16	68

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

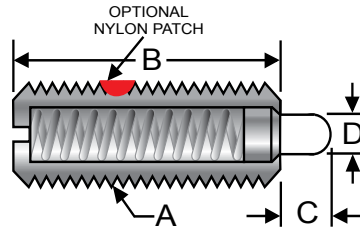
# Standard Spring Plunger Light End Force Steel & Stainless Steel



## Light End Force, Inch

Steel Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SW10-1A	-	6-32	17/32	1/16	0.045	0.5	1.5
SW10-2A	SWN10-2A	8-32	5/8	3/32	0.069	0.7	2.3
SW10-3A	SWN10-3A	10-32	3/4	1/8	0.092	1.3	2.7
SW10-4XA	-	1/4-20	3/4	1/8	0.118	0.5	2
SW10-4A	SWN10-4A	1/4-20	1	3/16	0.118	1	4
SW10-4YA	SWN10-4YA	1/4-28	1	3/16	0.118	1	4
SW10-5A	SWN10-5A	5/16-18	1	3/16	0.134	1.5	4.5
SW10-6A	SWN10-6A	3/8-16	1-1/8	3/16	0.186	2.8	7.2
SW10-8A	SWN10-8A	1/2-13	1-1/4	1/4	0.248	2.7	9.3
SW10-10A	SWN10-10A	5/8-11	1-1/2	5/16	0.311	3.5	10.5
SW10-12A	-	3/4-10	1-3/4	5/16	0.373	6	16
SW10-14A	-	1-8	2-13/32	1/2	0.498	4	31

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

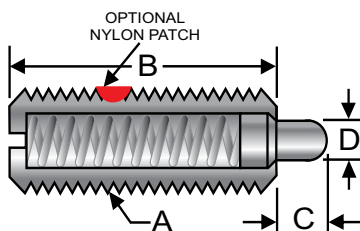


## Stainless-Light End Force, Inch

303 Stainless P/N	303 Stainless Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SSW10-1A	-	6-32	17/32	1/16	0.045	0.5	1.5
SSW10-2A	SSWN10-2A	8-32	5/8	3/32	0.069	0.7	2.3
SSW10-3A	SSWN10-3A	10-32	3/4	1/8	0.092	1.3	2.7
SSW10-4XA	-	1/4-20	3/4	1/8	0.118	0.5	2
SSW10-4A	SSWN10-4A	1/4-20	1	3/16	0.118	1	4
SSW10-4YA	SSWN10-4YA	1/4-28	1	3/16	0.118	1	4
SSW10-5A	SSWN10-5A	5/16-18	1	3/16	0.134	1.5	4.5
SSW10-6A	SSWN10-6A	3/8-16	1-1/8	3/16	0.186	2.8	7.2
SSW10-8A	SSWN10-8A	1/2-13	1-1/4	1/4	0.248	2.7	9.3
SSW10-10A	SSWN10-10A	5/8-11	1-1/2	5/16	0.311	3.5	10.5
SSW10-12A	-	3/4-10	1-3/4	5/16	0.373	6	16
SSW10-14A	-	1-8	2-13/32	1/2	0.498	4	31

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

# Standard Spring Plunger Standard End Force Brass & 316 Stainless Steel

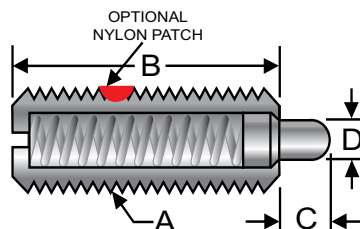


## Standard End Force, Inch

Brass P/N	316 Stainless P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SWB10-1X	SSW10-1X-316	6-32	3/8	1/16	0.045	1	1.6
SWB10-1	SSW10-1-316	6-32	17/32	1/16	0.045	1.5	4.5
SWB10-2	SSW10-2-316	8-32	5/8	3/32	0.069	2.7	7.3
SWB10-3	SSW10-3-316	10-32	3/4	1/8	0.092	2.9	11.1
SWB10-4X	SSW10-4X-316	1/4-20	3/4	1/8	0.118	2	9
SWB10-4	SSW10-4-316	1/4-20	1	3/16	0.118	3	13
SWB10-4Y	SSW10-4Y-316	1/4-28	1	3/16	0.118	3	13
SWB10-5	SSW10-5-316	5/16-18	1	3/16	0.134	3	15
SWB10-6	SSW10-6-316	3/8-16	1-1/8	3/16	0.186	5.5	14.5
SWB10-8	SSW10-8-316	1/2-13	1-1/4	1/4	0.248	6.6	17.4
SWB10-10	SSW10-10-316	5/8-11	1-1/2	5/16	0.311	10.5	25.5
SWB10-12	SSW10-12-316	3/4-10	1-3/4	5/16	0.373	6.7	37.3
SWB10-14	SSW10-14-316	1-8	2-13/32	1/2	0.498	16	68

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

# Standard Spring Plunger Light End Force Brass & 316 Stainless Steel

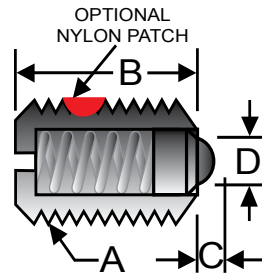


## Light End Force, Inch

Brass P/N	316 Stainless P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SWB10-1A	SSW10-1A-316	6-32	17/32	1/16	0.045	0.5	1.5
SWB10-2A	SSW10-2A-316	8-32	5/8	3/32	0.069	0.7	2.3
SWB10-3A	SSW10-3A-316	10-32	3/4	1/8	0.092	1.3	2.7
SWB10-4XA	SSW10-4XA-316	1/4-20	3/4	1/8	0.118	0.5	2
SWB10-4A	SSW10-4A-316	1/4-20	1	3/16	0.118	1	4
SWB10-4YA	SSW10-4YA-316	1/4-28	1	3/16	0.118	1	4
SWB10-5A	SSW10-5A-316	5/16-18	1	3/16	0.134	1.5	4.5
SWB10-6A	SSW10-6A-316	3/8-16	1-1/8	3/16	0.186	2.8	7.2
SWB10-8A	SSW10-8A-316	1/2-13	1-1/4	1/4	0.248	2.7	9.3
SWB10-10A	SSW10-10A-316	5/8-11	1-1/2	5/16	0.311	3.5	10.5
SWB10-12A	SSW10-12A-316	3/4-10	1-3/4	5/16	0.373	6	16
SWB10-14A	SSW10-14A-316	1-8	2-13/32	1/2	0.498	4	31

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

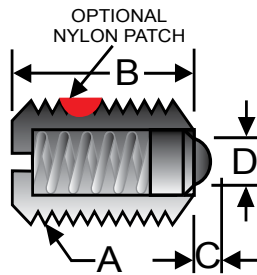
# Short Spring Plunger Standard End Force



## Steel-Standard End Force, Inch

Steel Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SW10-2AS	SWN10-2AS	8-32	0.437	0.052	0.070	1.5	4.7
SW10-2S	SWN10-2S	8-36	0.437	0.052	0.070	1.5	4.7
SW10-3S	SWN10-3S	10-32	0.468	0.065	0.093	1.7	6.2
SW10-4S	SWN10-4S	1/4-20	0.531	0.078	0.119	3	10.5
SW10-5S	SWN10-5S	5/16-18	0.562	0.084	0.135	3.7	15.5
SW10-6S	SWN10-6S	3/8-16	0.625	0.110	0.186	4.5	18.5
SW10-8S	SWN10-8S	1/2-13	0.750	0.151	0.248	5	28.5
SW10-10S	SWN10-10S	5/8-11	1.062	0.215	0.310	7	50

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet..

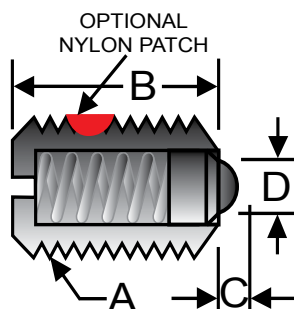


## 303 Stainless Steel -Standard End Force, Inch

Stainless Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SSW10-2AS	SSWN10-2AS	8-32	0.437	0.052	0.070	1.5	4.7
SSW10-2S	SSWN10-2S	8-36	0.437	0.052	0.070	1.5	4.7
SSW10-3S	SSWN10-3S	10-32	0.468	0.065	0.093	1.7	6.2
SSW10-4S	SSWN10-4S	1/4-20	0.531	0.078	0.119	3	10.5
SSW10-5S	SSWN10-5S	5/16-18	0.562	0.084	0.135	3.7	15.5
SSW10-6S	SSWN10-6S	3/8-16	0.625	0.110	0.186	4.5	18.5
SSW10-8S	SSWN10-8S	1/2-13	0.750	0.151	0.248	5	28.5
SSW10-10S	SSWN10-10S	5/8-11	1.062	0.215	0.310	7	50

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

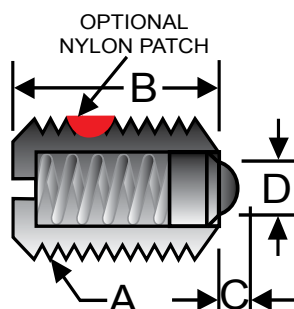
## Short Spring Plunger Light End Force Steel & Stainless Steel



### Steel -Light End Force, Inch

Steel Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SW10-2ASL	SWN10-2ASL	8-32	0.437	0.052	0.070	0.50	1.5
SW10-2SL	SWN10-2SL	8-36	0.437	0.052	0.070	0.50	1.5
SW10-3SL	SWN10-3SL	10-32	0.468	0.065	0.093	0.75	2.5
SW10-4SL	SWN10-4SL	1/4-20	0.531	0.078	0.119	1.0	3.5
SW10-5SL	SWN10-5SL	5/16-18	0.562	0.084	0.135	1.25	4.0
SW10-6SL	SWN10-6SL	3/8-16	0.625	0.110	0.186	1.5	5.0
SW10-8SL	SWN10-8SL	1/2-13	0.750	0.151	0.248	1.75	5.5
SW10-10SL	SWN10-10SL	5/8-11	1.062	0.215	0.310	2.0	8.5

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.



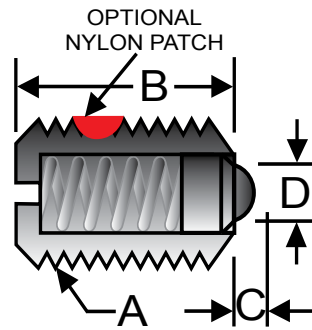
### 303 Stainless Steel -Light End Force, Inch

Stainless Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SSW10-2ASL	SSWN10-2ASL	8-32	0.437	0.052	0.070	0.50	1.5
SSW10-2SL	SSWN10-2SL	8-36	0.437	0.052	0.070	0.50	1.5
SSW10-3SL	SSWN10-3SL	10-32	0.468	0.065	0.093	0.75	2.5
SSW10-4SL	SSWN10-4SL	1/4-20	0.531	0.078	0.119	1.0	3.5
SSW10-5SL	SSWN10-5SL	5/16-18	0.562	0.084	0.135	1.25	4.0
SSW10-6SL	SSWN10-6SL	3/8-16	0.625	0.110	0.186	1.5	5.0
SSW10-8SL	SSWN10-8SL	1/2-13	0.750	0.151	0.248	1.75	5.5
SSW10-10SL	SSWN10-10SL	5/8-11	1.062	0.215	0.310	2.0	8.5

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

# Short Spring Plunger

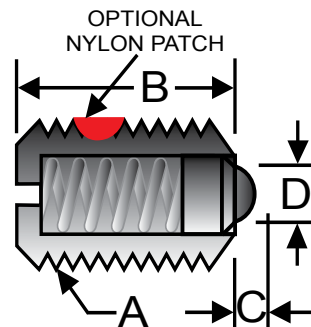
## Brass & 316 Stainless



### Standard End Force, Inch

Brass P/N	316 Stainless P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SWB10-2AS	SSW10-2AS-316	8-32	0.437	0.052	0.070	1.5	4.7
SWB10-2S	SSW10-2S-316	8-36	0.437	0.052	0.070	1.5	4.7
SWB10-3S	SSW10-3S-316	10-32	0.468	0.065	0.093	1.7	6.2
SWB10-4S	SSW10-4S-316	1/4-20	0.531	0.078	0.119	3.0	10.5
SWB10-5S	SSW10-5S-316	5/16-18	0.562	0.084	0.135	3.7	15.5
SWB10-6S	SSW10-6S-316	3/8-16	0.625	0.110	0.186	4.5	18.5
SWB10-8S	SSW10-8S-316	1/2-13	0.750	0.151	0.248	5.0	28.5
SWB10-10S	SSW10-10S-316	5/8-11	1.062	0.215	0.310	7.0	50.0

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

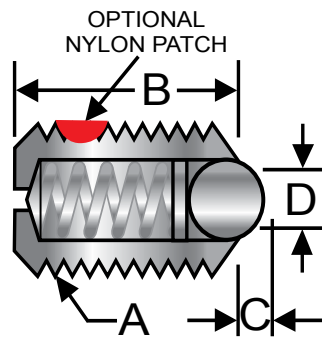


### Light End Force, Inch

Brass P/N	316 Stainless P/N	Thread (A)	Body Length (B)	Nose Length (C)	Nose Dia. (D)	End Force (lbs)	
						Start	Final
SWB10-2ASL	SSW10-2ASL-316	8-32	0.437	0.052	0.070	0.50	1.5
SWB10-2SL	SSW10-2SL-316	8-36	0.437	0.052	0.070	0.50	1.5
SWB10-3SL	SSW10-3SL-316	10-32	0.468	0.065	0.093	0.75	2.5
SWB10-4SL	SSW10-4SL-316	1/4-20	0.531	0.078	0.119	1.0	3.5
SWB10-5SL	SSW10-5SL-316	5/16-18	0.562	0.084	0.135	1.25	4.0
SWB10-6SL	SSW10-6SL-316	3/8-16	0.625	0.110	0.186	1.5	5.0
SWB10-8SL	SSW10-8SL-316	1/2-13	0.750	0.151	0.248	1.75	5.5
SWB10-10SL	SSW10-10SL-316	5/8-11	1.062	0.215	0.310	2.0	8.5

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum.  
Add "PT" for nylon pellet.

# Ball Plunger Steel



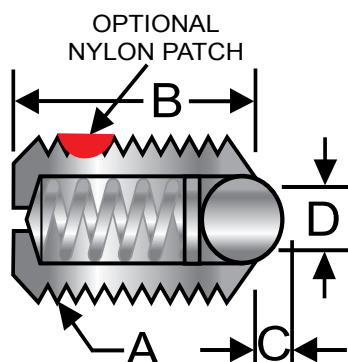
## Steel, Inch

Steel Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Exposed Length (C)	Ball Dia. (D)	End Force (lbs)	
						Start	Final
SW10-11B	SWN10-11B	4-48	0.187	0.020	0.062	0.125	0.5
SW10-12B	SWN10-12B	5-40	0.250	0.020	0.062	0.25	0.75
SW10-1B	SWN10-1B	6-40	0.312	0.023	0.078	0.5	1.0
SW10-22B	SWN10-22B	8-32	0.344	0.025	0.094	0.5	1.25
SW10-2B	SWN10-2B	8-36	0.344	0.025	0.094	0.5	1.25
SW10-3B	SWN10-3B	10-32	0.513	0.025	0.094	1.5	3.0
SW10-3BL	SWN10-3BL	10-32	0.513	0.025	0.094	0.5	1.5
SW10-3BH	SWN10-3BH	10-32	0.513	0.025	0.094	2.0	5.0
SW10-4B	SWN10-4B	1/4-20	0.531	0.035	0.125	3.0	7.0
SW10-4BL	SWN10-4BL	1/4-20	0.531	0.035	0.125	2.0	4.0
SW10-4BH	SWN10-4BH	1/4-20	0.531	0.035	0.125	4.0	12.0
SW10-5B	SWN10-5B	5/16-18	0.578	0.040	0.156	4.0	9.0
SW10-5BL	SWN10-5BL	5/16-18	0.578	0.040	0.156	2.0	4.5
SW10-5BH	SWN10-5BH	5/16-18	0.578	0.040	0.156	6.0	17.0
SW10-6B	SWN10-6B	3/8-16	0.625	0.048	0.188	5.0	10.0
SW10-6BL	SWN10-6BL	3/8-16	0.625	0.048	0.188	2.5	5.0
SW10-6BH	SWN10-6BH	3/8-16	0.625	0.048	0.188	6.0	21.0
SW10-8B	SWN10-8B	1/2-13	0.750	0.072	0.281	6.0	12.0
SW10-8BL	SWN10-8BL	1/2-13	0.750	0.072	0.281	3.0	6.0
SW10-8BH	SWN10-8BH	1/2-13	0.750	0.072	0.281	6.0	30.0
SW10-10B	SWN10-10B	5/8-11	0.984	0.096	0.375	9.0	18.0
SW10-10BL	SWN10-10BL	5/8-11	0.984	0.096	0.375	4.5	9.0
SW10-10BH	SWN10-10BH	5/8-11	0.984	0.096	0.375	7.0	50.0

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

# Ball Plunger

## 303 Stainless



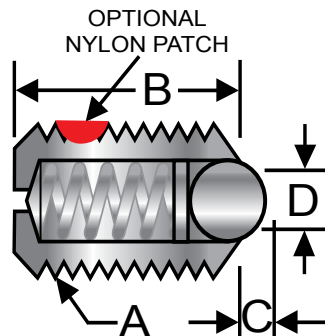
### 303 Stainless, Inch

Stainless Nose P/N	Nylon Nose P/N	Thread (A)	Body Length (B)	Exposed Length (C)	Ball Dia. (D)	End Force (lbs)	
						Start	Final
SSW10-11B	SSWN10-11B	4-48	0.187	0.020	0.062	0.125	0.5
SSW10-12B	SSWN10-12B	5-40	0.250	0.020	0.062	0.25	0.75
SSW10-1B	SSWN10-1B	6-40	0.312	0.023	0.078	0.5	1.0
SSW10-22B	SSWN10-22B	8-32	0.344	0.025	0.094	0.5	1.25
SSW10-2B	SSWN10-2B	8-36	0.344	0.025	0.094	0.5	1.25
SSW10-3B	SSWN10-3B	10-32	0.513	0.025	0.094	1.5	3.0
SSW10-3BL	SSWN10-3BL	10-32	0.513	0.025	0.094	0.5	1.5
SSW10-3BH	SSWN10-3BH	10-32	0.513	0.025	0.094	2.0	5.0
SSW10-4B	SSWN10-4B	1/4-20	0.531	0.035	0.125	3.0	7.0
SSW10-4BL	SSWN10-4BL	1/4-20	0.531	0.035	0.125	2.0	4.0
SSW10-4BH	SSWN10-4BH	1/4-20	0.531	0.035	0.125	4.0	12.0
SSW10-5B	SSWN10-5B	5/16-18	0.578	0.040	0.156	4.0	9.0
SSW10-5BL	SSWN10-5BL	5/16-18	0.578	0.040	0.156	2.0	4.5
SSW10-5BH	SSWN10-5BH	5/16-18	0.578	0.040	0.156	6.0	17.0
SSW10-6B	SSWN10-6B	3/8-16	0.625	0.048	0.188	5.0	10.0
SSW10-6BL	SSWN10-6BL	3/8-16	0.625	0.048	0.188	2.5	5.0
SSW10-6BH	SSWN10-6BH	3/8-16	0.625	0.048	0.188	6.0	21.0
SSW10-8B	SSWN10-8B	1/2-13	0.750	0.072	0.281	6.0	12.0
SSW10-8BL	SSWN10-8BL	1/2-13	0.750	0.072	0.281	3.0	6.0
SSW10-8BH	SSWN10-8BH	1/2-13	0.750	0.072	0.281	6.0	30.0
SSW10-10B	SSWN10-10B	5/8-11	0.984	0.096	0.375	9.0	18.0
SSW10-10BL	SSWN10-10BL	5/8-11	0.984	0.096	0.375	4.5	9.0
SSW10-10BH	SSWN10-10BH	5/8-11	0.984	0.096	0.375	7.0	50.0

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

# Ball Plunger

## Brass & 316 Stainless



### Brass & 316 Stainless, Inch

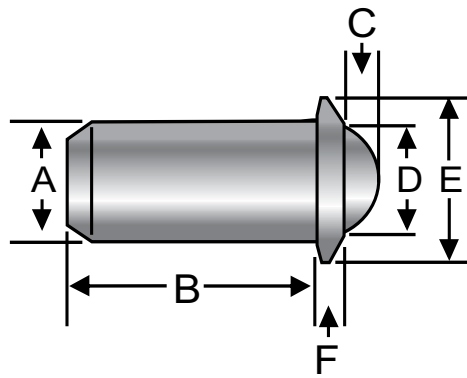
Brass P/N	316 Stainless P/N	Thread (A)	Body Length (B)	Exposed Length (C)	Ball Dia. (D)	End Force (lbs)	
						Start	Final
SWB10-11B	SSW10-11B-316	4-48	0.187	0.020	0.062	0.125	0.5
SWB10-12B	SSW10-12B-316	5-40	0.250	0.020	0.062	0.25	0.75
SWB10-1B	SSW10-1B-316	6-40	0.312	0.023	0.078	0.5	1.0
SWB10-22B	SSW10-22B-316	8-32	0.344	0.025	0.094	0.5	1.25
SWB10-2B	SSW10-2B-316	8-36	0.344	0.025	0.094	0.5	1.25
SWB10-3B	SSW10-3B-316	10-32	0.513	0.025	0.094	1.5	3.0
SWB10-3BL	SSW10-3BL-316	10-32	0.513	0.025	0.094	0.5	1.5
SWB10-3BH	SSW10-3BH-316	10-32	0.513	0.025	0.094	2.0	5.0
SWB10-4B	SSW10-4B-316	1/4-20	0.531	0.035	0.125	3.0	7.0
SWB10-4BL	SSW10-4BL-316	1/4-20	0.531	0.035	0.125	2.0	4.0
SWB10-4BH	SSW10-4BH-316	1/4-20	0.531	0.035	0.125	4.0	12.0
SWB10-5B	SSW10-5B-316	5/16-18	0.578	0.040	0.156	4.0	9.0
SWB10-5BL	SSW10-5BL-316	5/16-18	0.578	0.040	0.156	2.0	4.5
SWB10-5BH	SSW10-5BH-316	5/16-18	0.578	0.040	0.156	6.0	17.0
SWB10-6B	SSW10-6B-316	3/8-16	0.625	0.048	0.188	5.0	10.0
SWB10-6BL	SSW10-6BL-316	3/8-16	0.625	0.048	0.188	2.5	5.0
SWB10-6BH	SSW10-6BH-316	3/8-16	0.625	0.048	0.188	6.0	21.0
SWB10-8B	SSW10-8B-316	1/2-13	0.750	0.072	0.281	6.0	12.0
SWB10-8BL	SSW10-8BL-316	1/2-13	0.750	0.072	0.281	3.0	6.0
SWB10-8BH	SSW10-8BH-316	1/2-13	0.750	0.072	0.281	6.0	30.0
SWB10-10B	SSW10-10B-316	5/8-11	0.984	0.096	0.375	9.0	18.0
SWB10-10BL	SSW10-10BL-316	5/8-11	0.984	0.096	0.375	4.5	9.0
SWB10-10BH	SSW10-10BH-316	5/8-11	0.984	0.096	0.375	7.0	50.0

Add "P" to end of part number for optional nylon patch. Do not use the nylon patch if threading into soft material such as aluminum. Add "PT" for nylon pellet.

# Press Fit Ball Nose Plungers

## Standard End Force

### Steel & Stainless Steel



## Standard End Force

Steel Body W/ Stainless Ball P/N	Stainless Body W/ Stainless Ball P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs) Start Final	
SWPF10-2B	SSWPF10-2B	0.125	0.252	0.035	0.094	0.187	0.032	0.75	2.5
SWPF10-3B	SSWPF10-3B	0.188	0.394	0.058	0.156	0.250	0.040	2	5
SWPF10-4B	SSWPF10-4B	0.250	0.471	0.070	0.187	0.312	0.045	3	7
SWPF10-5B	SSWPF10-5B	0.312	0.643	0.090	0.250	0.375	0.045	4	10
SWPF10-6B	SSWPF10-6B	0.375	0.786	0.110	0.312	0.500	0.078	5	14
SWPF10-8B	SSWPF10-8B	0.500	1.100	0.161	0.437	0.688	0.110	8	18

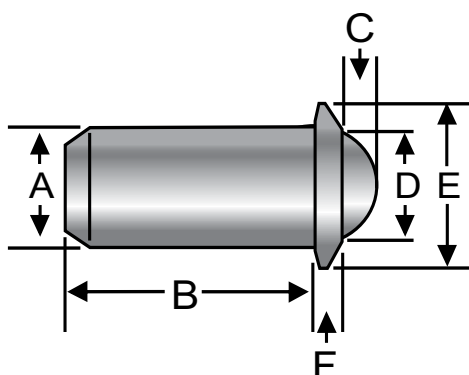
## Standard End Force, w/Nylon Ball

Steel Body W/Nylon Ball P/N	Stainless Body W/Nylon Ball P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs) Start Final	
SWPFN10-2B	SSWPFN10-2B	0.125	0.252	0.035	0.094	0.187	0.032	0.75	2.5
SWPFN10-3B	SSWPFN10-3B	0.188	0.394	0.058	0.156	0.250	0.040	2	5
SWPFN10-4B	SSWPFN10-4B	0.250	0.471	0.070	0.187	0.312	0.045	3	7
SWPFN10-5B	SSWPFN10-5B	0.312	0.643	0.090	0.250	0.375	0.045	4	10
SWPFN10-6B	SSWPFN10-6B	0.375	0.786	0.110	0.312	0.500	0.078	5	14
SWPFN10-8B	SSWPFN10-8B	0.500	1.100	0.161	0.437	0.688	0.110	8	18

# Press Fit Ball Nose Plungers

## Light End Force

### Steel & Stainless Steel



## Light End Force

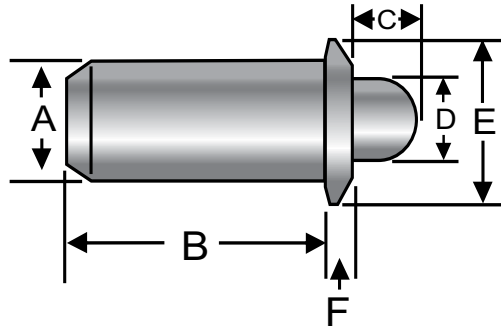
Steel Body W/ Stainless Ball P/N	Stainless Body W/ Stainless Ball P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs) Start Final	
SWPF10-2BL	SSWPF10-2BL	0.125	0.252	0.035	0.094	0.187	0.032	0.4	1.3
SWPF10-3BL	SSWPF10-3BL	0.188	0.394	0.058	0.156	0.250	0.040	1	2.5
SWPF10-4BL	SSWPF10-4BL	0.250	0.471	0.070	0.187	0.312	0.045	1.5	3.5
SWPF10-5BL	SSWPF10-5BL	0.312	0.643	0.090	0.250	0.375	0.045	2	5
SWPF10-6BL	SSWPF10-6BL	0.375	0.786	0.110	0.312	0.500	0.078	2.5	7
SWPF10-8BLL	SSWPF10-8BL	0.500	1.100	0.161	0.437	0.688	0.110	4	9

## Light End Force, w/Nylon Ball

Steel Body W/Nylon Ball P/N	Stainless Body W/Nylon Ball P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs) Start Final	
SWPFN10-2BL	SSWPFN10-2BL	0.125	0.252	0.035	0.094	0.187	0.032	0.4	1.3
SWPFN10-3BL	SSWPFN10-3BL	0.188	0.394	0.058	0.156	0.250	0.040	1	2.5
SWPFN10-4BL	SSWPFN10-4BL	0.250	0.471	0.070	0.187	0.312	0.045	1.5	3.5
SWPFN10-5BL	SSWPFN10-5BL	0.312	0.643	0.090	0.250	0.375	0.045	2	5
SWPFN10-6BL	SSWPFN10-6BL	0.375	0.786	0.110	0.312	0.500	0.078	2.5	7
SWPFN10-8BL	SSWPFN10-8BL	0.500	1.100	0.161	0.437	0.688	0.110	4	9

# Press Fit Round Nose Plungers

## Steel & Stainless Steel



### Steel-Standard End Force

Steel P/N	Stainless P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs)	
								Start	Final
SWPF10-3	SSWPF10-3	0.188	0.441	0.094	0.121	0.250	0.044	1.5	4.5
SWPF10-4	SSWPF10-4	0.250	0.521	0.125	0.168	0.312	0.055	2.5	6
SWPF10-6	SSWPF10-6	0.375	0.786	0.187	0.234	0.500	0.096	5	14
SWPF10-8	SSWPF10-8	0.500	1.100	0.250	0.332	0.688	0.134	8	18

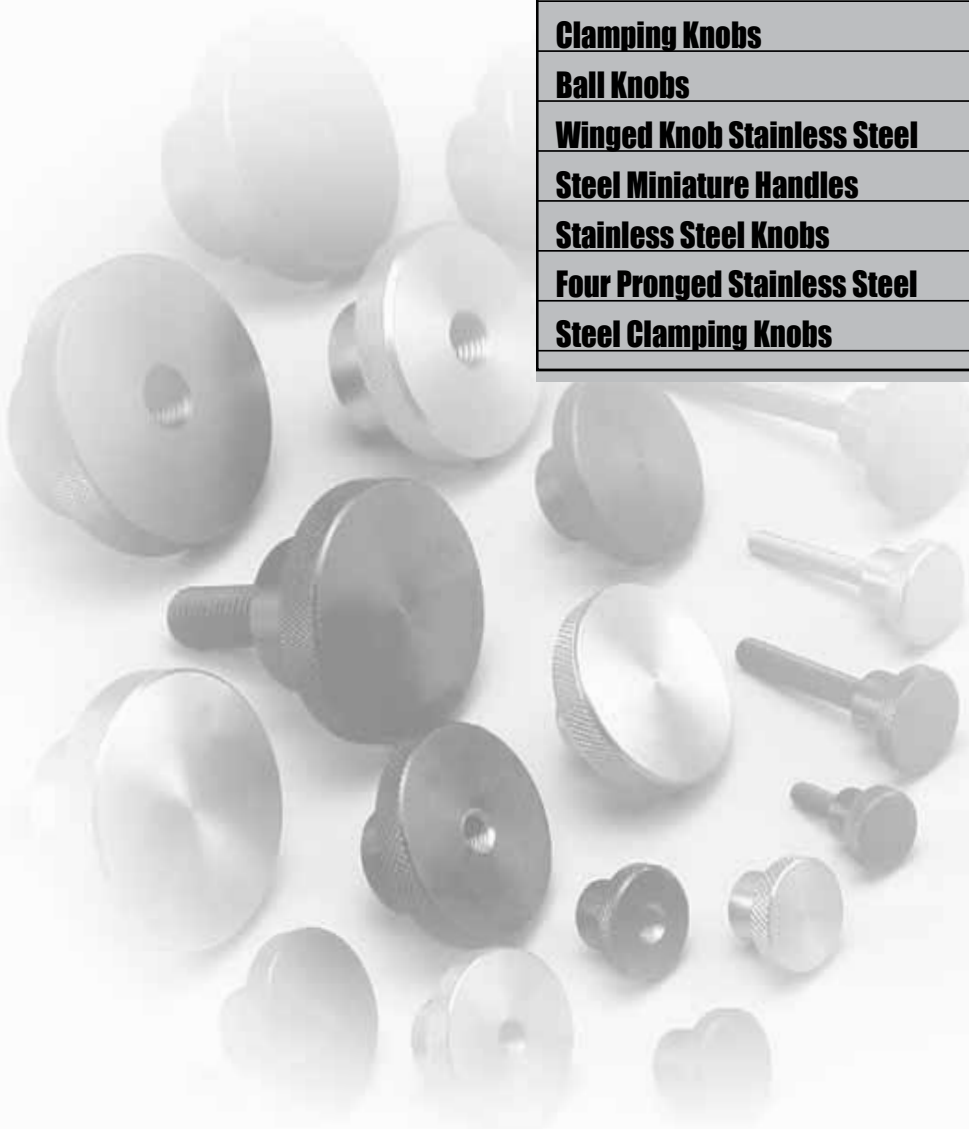
### Steel-Light End Force

Steel P/N	Stainless P/N	OD (A)	Body Length (B)	Exposed Length (C)	Nose Dia (D)	Flange Dia (E)	Flange Length (F)	End Force (lbs)	
								Start	Final
SWPF10-3A	SSWPF10-3A	0.188	0.441	0.094	0.121	0.250	0.044	0.75	2
SWPF10-4A	SSWPF10-4A	0.250	0.521	0.125	0.168	0.312	0.055	1.25	3
SWPF10-6A	SSWPF10-6A	0.375	0.786	0.187	0.234	0.500	0.096	2.5	7
SWPF10-8A	SSWPF10-8A	0.500	1.100	0.250	0.332	0.688	0.134	4	9



## Knobs

<b>Knurled Control Knobs</b>	<b>114-123</b>
<b>Clamping Knobs</b>	<b>124-126</b>
<b>Ball Knobs</b>	<b>127-128</b>
<b>Winged Knob Stainless Steel</b>	<b>129</b>
<b>Steel Miniature Handles</b>	<b>129</b>
<b>Stainless Steel Knobs</b>	<b>130</b>
<b>Four Pronged Stainless Steel</b>	<b>131</b>
<b>Steel Clamping Knobs</b>	<b>132</b>



# Knobs

## Knurled Control Knobs

CNC machined from solid bar stock. Available as either a standard multi-purpose knob or a high-quality precision knob to meet more demanding specifications.



## Clamping Knobs

Made from extruded and anodized aluminum. The star shape with deep lobes makes it easy to apply high clamping torque.



## Ball Knobs

CNC machined from solid bar stock. Available in steel, aluminum, stainless steel and brass, all knobs are polished to a high luster.



## Winged Knob Stainless Steel

Machined from 303 stainless steel. Polished to a mirror finish.



## Four Pronged Stainless Steel

Machined from 303 stainless steel. Polished to a mirror finish.



## Knurled Control Knobs

All of S&W's knurled control knobs are CNC machined from solid bar stock. The standard multi-purpose knobs are available in black oxide steel or stainless steel and have a knurled rim that ensures an exceptional grip for fast finger tightening. They are available with a reamed, tapped or solid hub or with a stud. The stud type is available as either a two-piece assembly or as a single, machined unit.

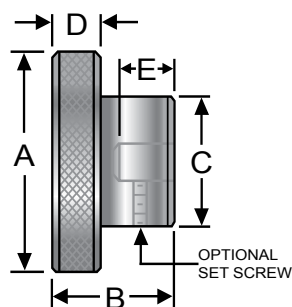
S&W precision knobs are manufactured from stainless steel or aluminum and are available with an optional handle for fast adjustment. These knobs are an excellent choice where fast, precise adjustment or positioning is required. They are available with a reamed, tapped or solid hub.



### Specifications:

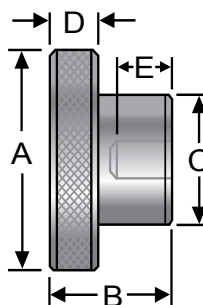
- Standard knobs in steel or stainless steel
- Precision knobs in stainless steel or aluminum
- CNC machined from solid bar stock
- Knurled OD for a sure grip
- 3/4" to 3" diameter
- Tapped, reamed or solid center
- Reamed style available with set screw
- Precision knobs have optional handle for faster adjustment
- Optional two-piece stud design is assembled with roll pin

# Knurled Control Knobs



## Reamed - With Set Screw, Inch

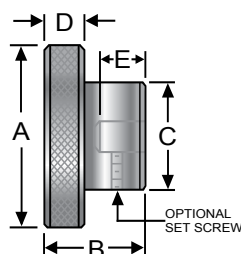
Steel P/N	Stainless P/N	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Reamed Depth (E)	Ship Wt. (lbs)
SCKS-041	WHRS-041	3/16	3/4	5/8	1/2	1/4	3/8	0.04
SCKS-042	WHRS-042	1/4	3/4	5/8	1/2	1/4	3/8	0.04
SCKS-043	WHRS-043	1/4	1	3/4	5/8	1/4	1/2	0.08
SCKS-044	WHRS-044	5/16	1	3/4	5/8	1/4	1/2	0.08
SCKS-045	WHRS-045	5/16	1 1/2	1	3/4	5/16	5/8	0.20
SCKS-046	WHRS-046	3/8	1 1/2	1	3/4	5/16	5/8	0.20
SCKS-047	WHRS-047	3/8	2	1 1/8	1	3/8	5/8	0.46
SCKS-048	WHRS-048	1/2	2	1 1/8	1	3/8	5/8	0.46
SCKS-049	WHRS-049	1/2	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SCKS-051	WHRS-051	5/8	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SCKS-052	WHRS-052	5/8	3	1 3/4	1 3/4	5/8	1	1.96
SCKS-053	WHRS-053	3/4	3	1 3/4	1 3/4	5/8	1	1.96



## Reamed - Without Set Screw, Inch

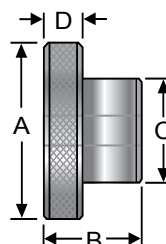
Steel P/N	Stainless P/N	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Reamed Depth (E)	Ship Wt. (lbs)
SCK-041	WHR-041	3/16	3/4	5/8	1/2	1/4	3/8	0.04
SCK-042	WHR-042	1/4	3/4	5/8	1/2	1/4	3/8	0.04
SCK-043	WHR-043	1/4	1	3/4	5/8	1/4	1/2	0.08
SCK-044	WHR-044	5/16	1	3/4	5/8	1/4	1/2	0.08
SCK-045	WHR-045	5/16	1 1/2	1	3/4	5/16	5/8	0.20
SCK-046	WHR-046	3/8	1 1/2	1	3/4	5/16	5/8	0.20
SCK-047	WHR-047	3/8	2	1 1/8	1	3/8	5/8	0.46
SCK-048	WHR-048	1/2	2	1 1/8	1	3/8	5/8	0.46
SCK-049	WHR-049	1/2	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SCK-051	WHR-051	5/8	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SCK-052	WHR-052	5/8	3	1 3/4	1 3/4	5/8	1	1.96
SCK-053	WHR-053	3/4	3	1 3/4	1 3/4	5/8	1	1.96

# Knurled Control Knobs



## Reamed Through With Set Screw, Inch

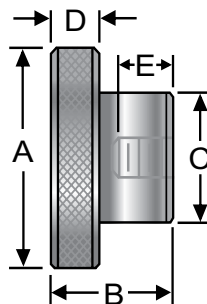
Steel P/N	Stainless P/N	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Ship Wt. (lbs)
SCKTS-041	WHRTS-041	3/16	3/4	5/8	1/2	1/4	0.04
SCKTS-042	WHRTS-042	1/4	3/4	5/8	1/2	1/4	0.04
SCKTS-043	WHRTS-043	1/4	1	3/4	5/8	1/4	0.08
SCKTS-044	WHRTS-044	5/16	1	3/4	5/8	1/4	0.08
SCKTS-045	WHRTS-045	5/16	1 1/2	1	3/4	5/16	0.20
SCKTS-046	WHRTS-046	3/8	1 1/2	1	3/4	5/16	0.20
SCKTS-047	WHRTS-047	3/8	2	1 1/8	1	3/8	0.46
SCKTS-048	WHRTS-048	1/2	2	1 1/8	1	3/8	0.46
SCKTS-049	WHRTS-049	1/2	2 1/2	1 1/2	1 1/2	9/16	1.16
SCKTS-051	WHRTS-051	5/8	2 1/2	1 1/2	1 1/2	9/16	1.16
SCKTS-052	WHRTS-052	5/8	3	1 3/4	1 3/4	5/8	1.96
SCKTS-053	WHRTS-053	3/4	3	1 3/4	1 3/4	5/8	1.96



## Reamed Through Without Set Screw, Inch

Steel P/N	Stainless P/N	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Ship Wt. (lbs)
SCKT-041	WHRT-041	3/16	3/4	5/8	1/2	1/4	0.04
SCKT-042	WHRT-042	1/4	3/4	5/8	1/2	1/4	0.04
SCKT-043	WHRT-043	1/4	1	3/4	5/8	1/4	0.08
SCKT-044	WHRT-044	5/16	1	3/4	5/8	1/4	0.08
SCKT-045	WHRT-045	5/16	1 1/2	1	3/4	5/16	0.20
SCKT-046	WHRT-046	3/8	1 1/2	1	3/4	5/16	0.20
SCKT-047	WHRT-047	3/8	2	1 1/8	1	3/8	0.46
SCKT-048	WHRT-048	1/2	2	1 1/8	1	3/8	0.46
SCKT-049	WHRT-049	1/2	2 1/2	1 1/2	1 1/2	9/16	1.16
SCKT-051	WHRT-051	5/8	2 1/2	1 1/2	1 1/2	9/16	1.16
SCKT-052	WHRT-052	5/8	3	1 3/4	1 3/4	5/8	1.96
SCKT-053	WHRT-053	3/4	3	1 3/4	1 3/4	5/8	1.96

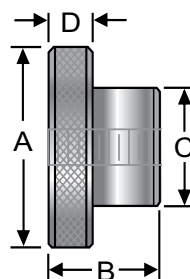
# Knurled Control Knobs



## Tapped, Inch

Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Tapped Depth (E)	Ship Wt. (lbs)
SKT-021	WTR-021	10-24	3/4	5/8	1/2	1/4	3/8	0.04
SKTF-021	WTRF-021	10-32	3/4	5/8	1/2	1/4	3/8	0.04
SKT-022	WTR-022	1/4-20	3/4	5/8	1/2	1/4	3/8	0.04
SKTF-022	WTRF-022	1/4-28	3/4	5/8	1/2	1/4	3/8	0.04
SKT-023	WTR-023	1/4-20	1	3/4	5/8	1/4	1/2	0.08
SKTF-023	WTRF-023	1/4-28	1	3/4	5/8	1/4	1/2	0.08
SKT-024	WTR-024	5/16-18	1	3/4	5/8	1/4	1/2	0.08
SKTF-024	WTRF-024	5/16-24	1	3/4	5/8	1/4	1/2	0.08
SKT-025	WTR-025	5/16-18	1 1/2	1	3/4	5/16	5/8	0.20
SKTF-025	WTRF-025	5/16-24	1 1/2	1	3/4	5/16	5/8	0.20
SKT-026	WTR-026	3/8-16	1 1/2	1	3/4	5/16	5/8	0.20
SKTF-026	WTRF-026	3/8-24	1 1/2	1	3/4	5/16	5/8	0.20
SKT-027	WTR-027	3/8-16	2	1 1/8	1	3/8	5/8	0.46
SKTF-027	WTRF-027	3/8-24	2	1 1/8	1	3/8	5/8	0.46
SKT-028	WTR-028	1/2-13	2	1 1/8	1	3/8	5/8	0.46
SKTF-028	WTRF-028	1/2-20	2	1 1/8	1	3/8	5/8	0.46
SKT-029	WTR-029	1/2-13	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SKTF-029	WTRF-029	1/2-20	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SKT-031	WTR-031	5/8-11	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SKTF-031	WTRF-031	5/8-18	2 1/2	1 1/2	1 1/2	9/16	3/4	1.16
SKT-032	WTR-032	5/8-11	3	1 3/4	1 3/4	5/8	1	1.96
SKTF-032	WTRF-032	5/8-18	3	1 3/4	1 3/4	5/8	1	1.96
SKT-033	WTR-033	3/4-10	3	1 3/4	1 3/4	5/8	1	1.96
SKTF-033	WTRF-033	3/4-16	3	1 3/4	1 3/4	5/8	1	1.96

# Knurled Control Knobs

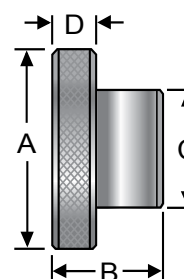


## Tapped Through, Inch

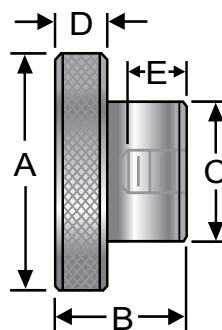
Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Ship Wt. (lbs)
SKTT-021	WTRT-021	10-24	3/4	5/8	1/2	1/4	0.04
SKTTF-021	WTRTF-021	10-32	3/4	5/8	1/2	1/4	0.04
SKTT-022	WTRT-022	1/4-20	3/4	5/8	1/2	1/4	0.04
SKTTF-022	WTRTF-022	1/4-28	3/4	5/8	1/2	1/4	0.04
SKTT-023	WTRT-023	1/4-20	1	3/4	5/8	1/4	0.08
SKTTF-023	WTRTF-023	1/4-28	1	3/4	5/8	1/4	0.08
SKTT-024	WTRT-024	5/16-18	1	3/4	5/8	1/4	0.08
SKTTF-024	WTRTF-024	5/16-24	1	3/4	5/8	1/4	0.08
SKTT-025	WTRT-025	5/16-18	1 1/2	1	3/4	5/16	0.20
SKTTF-025	WTRTF-025	5/16-24	1 1/2	1	3/4	5/16	0.20
SKTT-026	WTRT-026	3/8-16	1 1/2	1	3/4	5/16	0.20
SKTTF-026	WTRTF-026	3/8-24	1 1/2	1	3/4	5/16	0.20
SKTT-027	WTRT-027	3/8-16	2	1 1/8	1	3/8	0.46
SKTTF-027	WTRTF-027	3/8-24	2	1 1/8	1	3/8	0.46
SKTT-028	WTRT-028	1/2-13	2	1 1/8	1	3/8	0.46
SKTTF-028	WTRTF-028	1/2-20	2	1 1/8	1	3/8	0.46
SKTT-029	WTRT-029	1/2-13	2 1/2	1 1/2	1 1/2	9/16	1.16
SKTTF-029	WTRTF-029	1/2-20	2 1/2	1 1/2	1 1/2	9/16	1.16
SKTT-031	WTRT-031	5/8-11	2 1/2	1 1/2	1 1/2	9/16	1.16
SKTTF-031	WTRTF-031	5/8-18	2 1/2	1 1/2	1 1/2	9/16	1.16
SKTT-032	WTRT-032	5/8-11	3	1 3/4	1 3/4	5/8	1.96
SKTTF-032	WTRTF-032	5/8-18	3	1 3/4	1 3/4	5/8	1.96
SKTT-033	WTRT-033	3/4-10	3	1 3/4	1 3/4	5/8	1.96
SKTTF-033	WTRTF-033	3/4-16	3	1 3/4	1 3/4	5/8	1.96

## Solid Hub, Inch

Steel P/N	Stainless P/N	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Ship Wt. (lbs)
SCK-075	SSCK-075	3/4	5/8	1/2	1/4	0.04
SCK-100	SSCK-100	1	3/4	5/8	1/4	0.08
SCK-150	SSCK-150	1 1/2	1	3/4	5/16	0.20
SCK-200	SSCK-200	2	1 1/8	1	3/8	0.46
SCK-250	SSCK-250	2 1/2	1 1/2	1 1/2	9/16	1.16
SCK-300	SSCK-300	3	1 3/4	1 3/4	5/8	1.96

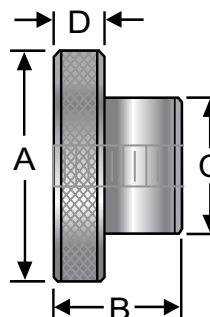


# Knurled Control Knobs



## Tapped, Metric

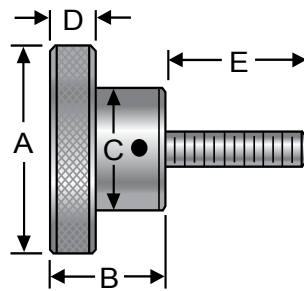
Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Thread Depth (E)	Ship Wt. (lbs)
MSKT-021	MWTR-021	M5	19	16	13	6	10	0.04
MSKT-022	MWTR-022	M6	19	16	13	6	10	0.04
MSKT-023	MWTR-023	M6	25	19	16	6	13	0.08
MSKT-024	MWTR-024	M8	25	19	16	6	13	0.08
MSKT-025	MWTR-025	M8	38	25	19	8	16	0.20
MSKT-026	MWTR-026	M10	38	25	19	8	16	0.20
MSKT-027	MWTR-027	M10	51	29	25	10	16	0.46
MSKT-028	MWTR-028	M12	51	29	25	10	16	0.46
MSKT-029	MWTR-029	M12	64	38	38	14	19	1.16
MSKT-031	MWTR-031	M16	64	38	38	14	19	1.16
MSKT-032	MWTR-032	M16	76	44	44	16	25	1.96
MSKT-033	MWTR-033	M20	76	44	44	16	25	1.96



## Tapped Through, Metric

Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Ship Wt. (lbs)
MSKTT-021	MWTRT-021	M5	19	16	13	6	0.04
MSKTT-022	MWTRT-022	M6	19	16	13	6	0.04
MSKTT-023	MWTRT-023	M6	25	19	16	6	0.08
MSKTT-024	MWTRT-024	M8	25	19	16	6	0.08
MSKTT-025	MWTRT-025	M8	38	25	19	8	0.20
MSKTT-026	MWTRT-026	M10	38	25	19	8	0.20
MSKTT-027	MWTRT-027	M10	51	29	25	10	0.46
MSKTT-028	MWTRT-028	M12	51	29	25	10	0.46
MSKTT-029	MWTRT-029	M12	64	38	38	14	1.16
MSKTT-031	MWTRT-031	M16	64	38	38	14	1.16
MSKTT-032	MWTRT-032	M16	76	44	44	16	1.96
MSKTT-033	MWTRT-033	M20	76	44	44	16	1.96

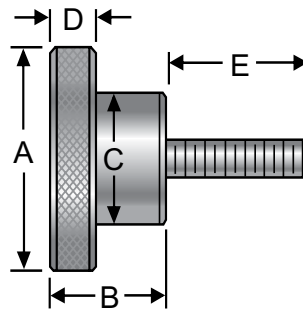
# Knurled Control Knobs



## With Stud Assembly, Inch

Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Stud Length (E)	Ship Wt. (lbs)
SKS-011	WSS-011	10-24	3/4	5/8	1/2	1/4	1/2	0.06
SKSF-011	WSSF-011	10-32	3/4	5/8	1/2	1/4	1/2	0.06
SKS-012	WSS-012	10-24	3/4	5/8	1/2	1/4	1	0.10
SKSF-012	WSSF-012	10-32	3/4	5/8	1/2	1/4	1	0.10
SKS-013	WSS-013	1/4-20	3/4	5/8	1/2	1/4	3/4	0.10
SKSF-013	WSSF-013	1/4-28	3/4	5/8	1/2	1/4	3/4	0.10
SKS-014	WSS-014	1/4-20	3/4	5/8	1/2	1/4	1 1/4	0.12
SKSF-014	WSSF-014	1/4-28	3/4	5/8	1/2	1/4	1 1/4	0.12
SKS-015	WSS-015	1/4-20	1	3/4	5/8	1/4	1 3/4	0.11
SKSF-015	WSSF-015	1/4-28	1	3/4	5/8	1/4	1 3/4	0.11
SKS-016	WSS-016	1/4-20	1	3/4	5/8	1/4	3	0.12
SKSF-016	WSSF-016	1/4-28	1	3/4	5/8	1/4	3	0.12
SKS-017	WSS-017	5/16-18	1	3/4	5/8	1/4	1 3/4	0.12
SKSF-017	WSSF-017	5/16-24	1	3/4	5/8	1/4	1 3/4	0.12
SKS-018	WSS-018	5/16-18	1	3/4	5/8	1/4	3	0.14
SKSF-018	WSSF-018	5/16-24	1	3/4	5/8	1/4	3	0.14
SKS-019	WSS-019	5/16-18	1 1/2	1	3/4	5/16	1 3/4	0.26
SKSF-019	WSSF-019	5/16-24	1 1/2	1	3/4	5/16	1 3/4	0.26
SKS-021	WSS-021	5/16-18	1 1/2	1	3/4	5/16	3	0.28
SKSF-021	WSSF-021	5/16-24	1 1/2	1	3/4	5/16	3	0.28
SKS-022	WSS-022	3/8-16	1 1/2	1	3/4	5/16	1 3/4	0.26
SKSF-022	WSSF0-22	3/8-24	1 1/2	1	3/4	5/16	1 3/4	0.26
SKS-023	WSS-023	3/8-16	1 1/2	1	3/4	5/16	3	0.30
SKSF-023	WSSF-023	3/8-24	1 1/2	1	3/4	5/16	3	0.30
SKS-024	WSS-024	3/8-16	2	1 1/8	1	3/8	1 3/4	0.52
SKSF-024	WSSF-024	3/8-24	2	1 1/8	1	3/8	1 3/4	0.52
SKS-025	WSS-025	3/8-16	2	1 1/8	1	3/8	3	0.56
SKSF-025	WSSF-025	3/8-24	2	1 1/8	1	3/8	3	0.56
SKS-026	WSS-026	1/2-13	2	1 1/8	1	3/8	1 3/4	0.56
SKSF-026	WSSF-026	1/2-20	2	1 1/8	1	3/8	1 3/4	0.56
SKS-027	WSS-027	1/2-13	2	1 1/8	1	3/8	3	0.60
SKSF-027	WSSF-027	1/2-20	2	1 1/8	1	3/8	3	0.60
SKS-028	WSS-028	1/2-13	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.30
SKSF-028	WSSF-028	1/2-20	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.30
SKS-029	WSS-029	1/2-13	2 1/2	1 1/2	1 1/2	9/16	3	1.34
SKSF-029	WSSF-029	1/2-20	2 1/2	1 1/2	1 1/2	9/16	3	1.34
SKS-031	WSS-031	5/8-11	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.34
SKSF-031	WSSF-031	5/8-18	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.34
SKS-032	WSS-032	5/8-11	2 1/2	1 1/2	1 1/2	9/16	3	1.38
SKSF-032	WSSF-032	5/8-18	2 1/2	1 1/2	1 1/2	9/16	3	1.38

# Knurled Control Knobs

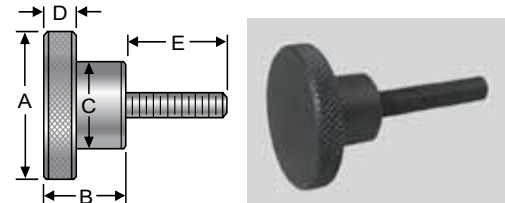


## With Integrated Stud, Inch

Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Stud Length (E)	Ship Wt. (lbs)
SKS-011-S	WSS-011-S	10-24	3/4	5/8	1/2	1/4	1/2	0.06
SKSF-011-S	WSSF-011-S	10-32	3/4	5/8	1/2	1/4	1/2	0.06
SKS-012-S	WSS-012-S	10-24	3/4	5/8	1/2	1/4	1	0.10
SKSF-012-S	WSSF-012-S	10-32	3/4	5/8	1/2	1/4	1	0.10
SKS-013-S	WSS-013-S	1/4-20	3/4	5/8	1/2	1/4	3/4	0.10
SKSF-013-S	WSSF-013-S	1/4-28	3/4	5/8	1/2	1/4	3/4	0.10
SKS-014-S	WSS-014-S	1/4-20	3/4	5/8	1/2	1/4	1 1/4	0.12
SKSF-014-S	WSSF-014-S	1/4-28	3/4	5/8	1/2	1/4	1 1/4	0.12
SKS-015-S	WSS-015-S	1/4-20	1	3/4	5/8	1/4	1 3/4	0.11
SKSF-015-S	WSSF-015-S	1/4-28	1	3/4	5/8	1/4	1 3/4	0.11
SKS-016-S	WSS-016-S	1/4-20	1	3/4	5/8	1/4	3	0.12
SKSF-016-S	WSSF-016-S	1/4-28	1	3/4	5/8	1/4	3	0.12
SKS-017-S	WSS-017-S	5/16-18	1	3/4	5/8	1/4	1 3/4	0.12
SKSF-017-S	WSSF-017-S	5/16-24	1	3/4	5/8	1/4	1 3/4	0.12
SKS-018-S	WSS-018-S	5/16-18	1	3/4	5/8	1/4	3	0.14
SKSF-018-S	WSSF-018-S	5/16-24	1	3/4	5/8	1/4	3	0.14
SKS-019-S	WSS-019-S	5/16-18	1 1/2	1	3/4	5/16	1 3/4	0.26
SKSF-019-S	WSSF-019-S	5/16-24	1 1/2	1	3/4	5/16	1 3/4	0.26
SKS-021-S	WSS-021-S	5/16-18	1 1/2	1	3/4	5/16	3	0.28
SKSF-021-S	WSSF-021-S	5/16-24	1 1/2	1	3/4	5/16	3	0.28
SKS-022-S	WSS-022-S	3/8-16	1 1/2	1	3/4	5/16	1 3/4	0.26
SKSF-022-S	WSSF0-22-S	3/8-24	1 1/2	1	3/4	5/16	1 3/4	0.26
SKS-023-S	WSS-023-S	3/8-16	1 1/2	1	3/4	5/16	3	0.30
SKSF-023-S	WSSF-023-S	3/8-24	1 1/2	1	3/4	5/16	3	0.30
SKS-024-S	WSS-024-S	3/8-16	2	1 1/8	1	3/8	1 3/4	0.52
SKSF-024-S	WSSF-024-S	3/8-24	2	1 1/8	1	3/8	1 3/4	0.52
SKS-025-S	WSS-025-S	3/8-16	2	1 1/8	1	3/8	3	0.56
SKSF-025-S	WSSF-025-S	3/8-24	2	1 1/8	1	3/8	3	0.56
SKS-026-S	WSS-026-S	1/2-13	2	1 1/8	1	3/8	1 3/4	0.56
SKSF-026-S	WSSF-026-S	1/2-20	2	1 1/8	1	3/8	1 3/4	0.56
SKS-027-S	WSS-027-S	1/2-13	2	1 1/8	1	3/8	3	0.60
SKSF-027-S	WSSF-027-S	1/2-20	2	1 1/8	1	3/8	3	0.60
SKS-028-S	WSS-028-S	1/2-13	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.30
SKSF-028-S	WSSF-028-S	1/2-20	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.30
SKS-029-S	WSS-029-S	1/2-13	2 1/2	1 1/2	1 1/2	9/16	3	1.34
SKSF-029-S	WSSF-029-S	1/2-20	2 1/2	1 1/2	1 1/2	9/16	3	1.34
SKS-031-S	WSS-031-S	5/8-11	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.34
SKSF-031-S	WSSF-031-S	5/8-18	2 1/2	1 1/2	1 1/2	9/16	1 3/4	1.34
SKS-032-S	WSS-032-S	5/8-11	2 1/2	1 1/2	1 1/2	9/16	3	1.38
SKSF-032-S	WSSF-032-S	5/8-18	2 1/2	1 1/2	1 1/2	9/16	3	1.38

# Knurled Control Knobs

## With Stud Assembly, Metric

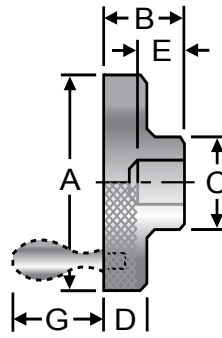


Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Stud Length (E)	Ship Wt. (lbs)
MSKS-011	MWSS-011	M5	19	16	13	6	16	0.06
MSKS-012	MWSS-012	M5	19	16	13	6	25	0.06
MSKS-013	MWSS-013	M6	19	16	13	6	19	0.10
MSKS-014	MWSS-014	M6	19	19	13	6	32	0.10
MSKS-015	MWSS-015	M6	25	19	16	6	44	0.11
MSKS-016	MWSS-016	M6	25	19	16	6	76	0.12
MSKS-017	MWSS-017	M8	25	19	16	6	44	0.12
MSKS-018	MWSS-018	M8	25	25	16	6	76	0.14
MSKS-019	MWSS-019	M8	38	25	19	8	44	0.26
MSKS-021	MWSS-021	M8	38	25	19	8	76	0.28
MSKS-022	MWSS-022	M10	38	25	19	8	44	0.26
MSKS-023	MWSS-023	M10	38	25	19	8	76	0.30
MSKS-024	MWSS-024	M10	51	29	25	10	44	0.52
MSKS-025	MWSS-025	M10	51	29	25	10	76	0.56
MSKS-026	MWSS-026	M12	51	29	25	10	44	0.56
MSKS-027	MWSS-027	M12	51	29	25	10	76	0.60
MSKS-028	MWSS-028	M12	64	38	38	14	44	1.30
MSKS-029	MWSS-029	M12	64	38	38	14	76	1.26
MSKS-031	MWSS-031	M16	64	38	38	14	44	1.34
MSKS-032	MWSS-032	M16	64	38	38	14	76	1.38

## With Integrated Stud, Metric

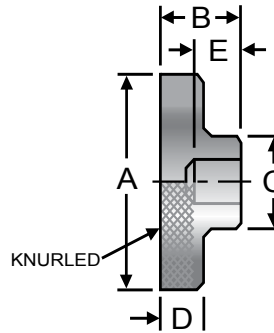
Steel P/N	Stainless P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Stud Length (E)	Ship Wt. (lbs)
MSKS-011-S	MWSS-011-S	M5	19	16	13	6	16	0.06
MSKS-012-S	MWSS-012-S	M5	19	16	13	6	25	0.06
MSKS-013-S	MWSS-013-S	M6	19	16	13	6	19	0.10
MSKS-014-S	MWSS-014-S	M6	19	19	13	6	32	0.10
MSKS-015-S	MWSS-015-S	M6	25	19	16	6	44	0.11
MSKS-016-S	MWSS-016-S	M6	25	19	16	6	76	0.12
MSKS-017-S	MWSS-017-S	M8	25	19	16	6	44	0.12
MSKS-018-S	MWSS-018-S	M8	25	25	16	6	76	0.14
MSKS-019-S	MWSS-019-S	M8	38	25	19	8	44	0.26
MSKS-021-S	MWSS-021-S	M8	38	25	19	8	76	0.28
MSKS-022-S	MWSS-022-S	M10	38	25	19	8	44	0.26
MSKS-023-S	MWSS-023-S	M10	38	25	19	8	76	0.30
MSKS-024-S	MWSS-024-S	M10	51	29	25	10	44	0.52
MSKS-025-S	MWSS-025-S	M10	51	29	25	10	76	0.56
MSKS-026-S	MWSS-026-S	M12	51	29	25	10	44	0.56
MSKS-027-S	MWSS-027-S	M12	51	29	25	10	76	0.60
MSKS-028-S	MWSS-028-S	M12	64	38	38	14	44	1.30
MSKS-029-S	MWSS-029-S	M12	64	38	38	14	76	1.26
MSKS-031-S	MWSS-031-S	M16	64	38	38	14	44	1.34
MSKS-032-S	MWSS-032-S	M16	64	38	38	14	76	1.38

# Precision Control Knobs



## With Handle, Inch

Aluminum P/N	Stainless P/N	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Reamed Depth (E)	Handle Length (G)
ACK-017	SAK-017	3/8	2	1 1/8	13/16	9/16	7/8	1 9/32
ACK-018	SAK-018	Solid	2	1 1/8	13/16	9/16	-	1 9/32
ACK-019	SAK-019	5/8	3	1 1/4	1 1/4	9/16	7/8	1 15/16
ACK-021	SAK-021	Solid	3	1 1/4	1 1/4	9/16	-	1 15/16



## Without Handle, Inch

Aluminum P/N	Stainless P/N	Thread Size	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Knurled Width (D)	Hole Depth (E)
ACK-011	SAK-011	-	1/4	1	13/16	1/2	3/8	5/8
ACK-012	SAK-012	-	Solid Hub	1	13/16	1/2	3/8	-
ACK-022	SAK-022	1/4-20	-	1	13/16	1/2	3/8	5/8
ACK-022B	SAK-022B	1/4-28	-	1	13/16	1/2	3/8	5/8
ACK-023	SAK-023	5/16-18	-	1	13/16	1/2	3/8	5/8
ACK-023B	SAK-023B	5/16-24	-	1	13/16	1/2	3/8	5/8
ACK-013	SAK-013	-	3/8	2	1 1/8	13/16	9/16	7/8
ACK-014	SAK-014	-	Solid Hub	2	1 1/8	13/16	9/16	-
ACK-024	SAK-024	3/8-16	-	2	1 1/8	13/16	9/16	7/8
ACK-024B	SAK-024B	3/8-24	-	2	1 1/8	13/16	9/16	7/8
ACK-025	SAK-025	1/2-13	-	2	1 1/8	13/16	9/16	7/8
ACK-025B	SAK-025B	1/2-20	-	2	1 1/8	13/16	9/16	7/8
ACK-015	SAK-015	-	5/8	3	1 1/4	1 1/4	11/16	7/8
ACK-016	SAK-016	-	Solid Hub	3	1 1/4	1 1/4	11/16	-
ACK-026	SAK-026	5/8-11	-	3	1 1/4	1 1/4	11/16	7/8
ACK-026B	SAK-026B	5/8-18	-	3	1 1/4	1 1/4	11/16	7/8
ACK-027	SAK-027	3/4-20	-	3	1 1/4	1 1/4	11/16	7/8
ACK-027B	SAK-027B	3/4-16	-	3	1 1/4	1 1/4	11/16	7/8

# Clamping Knobs

S&W's 4-lobed clamping knobs are machined from solid extruded aluminum stock. After machining, the knobs are tumble-polished and anodized. The star shape with deep lobes makes it easy to apply high clamping torque with one hand. They are available with a reamed, tapped or solid hub or as an assembly with stud.

## Specifications:

Solid anodized aluminum

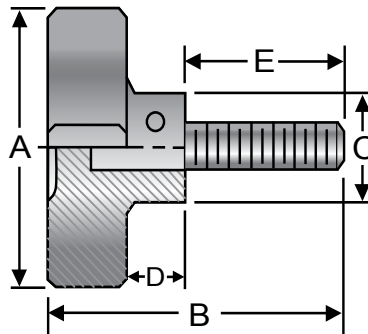
Star shape for generating maximum clamping force

1" to 3" diameter

Tapped, reamed or solid center

Available as assembly with stud

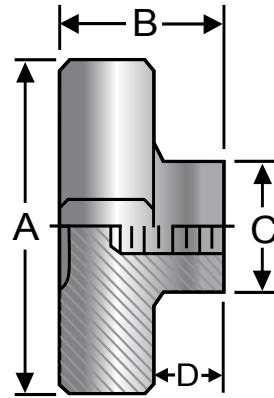
Optional colors - black, red, blue and gold  
(minimum quantity applies)



## With Stud, Inch

P/N	Thread Size	Knob Dia (A)	OAL (B)	Hub Dia (C)	Hub Length (D)	Stud Length (E)	Ship Wt. (lbs)
ALHA-1	1/4-20	1 1/2	2 5/8	5/8	3/8	1 3/4	.06
ALHA-2	1/4-20	1 1/2	3 7/8	5/8	3/8	3	.08
ALHA-3	5/16-18	2	2 3/4	13/16	1/2	1 3/4	.12
ALHA-4	5/16-18	2	4	13/16	1/2	3	.14
ALHA-5	3/8-16	2 1/2	2 7/8	1	9/16	1 3/4	.18
ALHA-6	3/8-16	2 1/2	4 1/8	1	9/16	3	.20
ALHA-7	1/2-13	2 1/2	2 7/8	1	9/16	1 3/4	.22
ALHA-8	1/2-13	2 1/2	4 1/8	1	9/16	3	.28
ALHA-9	5/8-11	3	3	1 1/4	5/8	1 3/4	.39
ALHA-10	5/8-11	3	4 1/4	1 1/4	5/8	3	.44

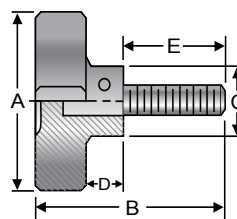
# Clamping Knobs



## Without Stud, Inch

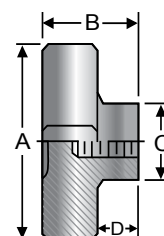
P/N	Thread Size	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Hub Length (D)	Ship Wt. (lbs)
ALH-1	-	Solid	1	7/8	1/2	1/2	.02
ALH-2T	1/4-20	-	1	7/8	1/2	1/2	.02
ALH-2TT	1/4-20	-	1	7/8	1/2	1/2	.02
ALH-3R	-	1/4	1	7/8	1/2	1/2	.02
ALH-4	-	Solid	1 1/2	7/8	5/8	3/8	.05
ALH-5T	5/16-18	-	1 1/2	7/8	5/8	3/8	.05
ALH-5TT	5/16-18	-	1 1/2	7/8	5/8	3/8	.05
ALH-6R	-	5/16	1 1/2	7/8	5/8	3/8	.05
ALH-7	-	Solid	2	1	13/16	1/2	.08
ALH-8T	3/8-16	-	2	1	13/16	1/2	.08
ALH-8TT	3/8-16	-	2	1	13/16	1/2	.08
ALH-9R	-	3/8	2	1	13/16	1/2	.08
ALH-10	-	Solid	2 1/2	1 1/8	1	9/16	.14
ALH-11T	1/2-13	-	2 1/2	1 1/8	1	9/16	.14
ALH-11TT	1/2-13	-	2 1/2	1 1/8	1	9/16	.14
ALH-12R	-	1/2	2 1/2	1 1/8	1	9/16	.14
ALH-13	-	Solid	3	1 1/4	1 1/4	5/8	.22
ALH-14T	5/8-11	-	3	1 1/4	1 1/4	5/8	.22
ALH-14TT	5/8-11	-	3	1 1/4	1 1/4	5/8	.22
ALH-15R	-	5/8	3	1 1/4	1 1/4	5/8	.22

# Clamping Knobs



## With Stud, Metric

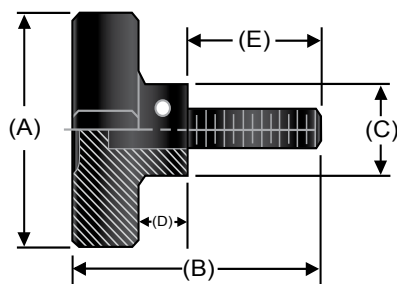
P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Hub Length (D)	Stud Length (E)	Ship Wt. (lbs)
ALHA-1M	M6	38	67	16	10	45	.06
ALHA-2M	M6	38	98	16	10	76	.08
ALHA-3M	M8	51	70	21	13	45	.12
ALHA-4M	M8	51	102	21	13	76	.14
ALHA-5M	M10	64	73	25	14	45	.18
ALHA-6M	M10	64	105	25	14	76	.20
ALHA-7M	M12	64	73	25	14	45	.22
ALHA-8M	M12	64	105	25	14	76	.28
ALHA-9M	M16	76	76	32	16	45	.39
ALHA-10M	M16	76	108	32	16	76	.44



## Without Stud, Metric

P/N	Thread Size	Reamed Dia	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Hub Length (D)	Ship Wt. (lbs)
ALH-16M	-	Solid	25	22	13	13	.02
ALH-17MT	M6	-	25	22	13	13	.02
ALH-17MTT	M6	-	25	22	13	13	.02
ALH-18MR	-	6	25	22	13	13	.02
ALH-19M	-	Solid	38	22	16	10	.05
ALH-20MT	M8	-	38	22	16	10	.05
ALH-20MTT	M8	-	38	22	16	10	.05
ALH-21MR	-	8	38	22	16	10	.05
ALH-22M	-	Solid	51	25	30	13	.08
ALH-23MT	M10	-	51	25	30	13	.08
ALH-23MTT	M10	-	51	25	30	13	.08
ALH-24MR	-	10	51	25	30	13	.08
ALH-25M	-	Solid	64	29	25	14	.14
ALH-26MT	M12	-	64	29	25	14	.14
ALH-26MTT	M12	-	64	29	25	14	.14
ALH-27MR	-	12	64	29	25	14	.14
ALH-28M	-	Solid	76	32	32	16	.22
ALH-29MT	M16	-	76	32	32	16	.22
ALH-29MTT	M16	-	76	32	32	16	.22
ALH-30MR	-	16	76	32	32	16	.22

# Steel Clamping Knobs



## Inch

P/N	Thread Size	Knob Dia (A)	Total Length (B)	Hub Dia (C)	Thread Depth (F)	Hub Length (D)	Stud Length (E)
STLHA-2	1/4-20	1 1/2	2 5/8	5/8	-	3/8	1 3/4
STLHA-3	5/16-18	2	2 3/4	13/16	-	1/2	1 3/4
STLHA-4	3/8-16	2 1/2	2 7/8	1	-	9/16	1 3/4
STLH-2T	1/4-20	1 1/2	7/8	1/2	1/2	1/2	-
STLH-3T	5/16-18	2	1	5/8	1/2	1/2	-
STLH-4T	3/8-16	2 1/2	1 1/8	13/16	1/2	9/16	-
STLH-5T	1/2-13	2 1/2	1 1/8	1	9/16	9/16	-
STLH-2TT	1/4-20	1 1/2	7/8	1/2	-	1/2	-
STLH-3TT	5/16-18	2	1	5/8	-	1/2	-
STLH-4TT	3/8-16	2 1/2	1 1/8	13/16	-	9/16	-
STLH-5TT	1/2-13	2 1/2	1 1/8	1	-	9/16	-

# Ball Knobs

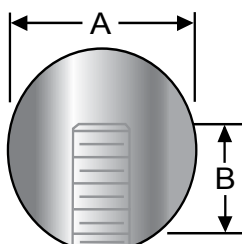
S&W's ball knobs are CNC machined from solid bar stock. These versatile knobs are available in steel, aluminum, stainless steel and brass. All knobs are individually hand polished, making them an excellent choice for decorative as well as industrial uses. Standard models feature a tapped hole in either a coarse or fine thread.

## Specifications:

Steel, stainless steel, brass or aluminum construction  
 Precision machined from solid bar stock  
 Hand polished  
 3/4" to 1 7/8" diameter  
 10-24 through 5/8-11 tapped hole in coarse and fine threads



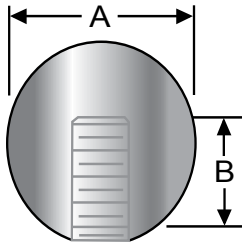
## Steel and Stainless Steel



Steel P/N	Stainless Steel P/N	Thread Size	Knob Dia (A)	Thread Depth (B)	Ship Wt. (lbs)
SBK-031	SSBK-031	10-24	3/4	3/8	0.05
SBK-032	SSBK-032	10-32	3/4	3/8	0.05
SBK-033	SSBK-033	10-24	1	3/8	0.15
SBK-034	SSBK-034	10-32	1	3/8	0.15
SBK-035	SSBK-035	1/4-20	1	1/2	0.15
SBK-036	SSBK-036	1/4-28	1	1/2	0.15
SBK-037	SSBK-037	5/16-18	1	1/2	0.15
SBK-038	SSBK-038	5/16-24	1	1/2	0.15
SBK-056	SSBK-056	3/8-16	1	1/2	0.15
SBK-039	SSBK-039	1/4-20	1 3/8	5/8	0.35
SBK-041	SSBK-041	1/4-28	1 3/8	5/8	0.35
SBK-042	SSBK-042	5/16-18	1 3/8	5/8	0.35
SBK-043	SSBK-043	5/16-24	1 3/8	5/8	0.35
SBK-044	SSBK-044	3/8-16	1 3/8	5/8	0.35
SBK-045	SSBK-045	3/8-24	1 3/8	5/8	0.35
SBK-046	SSBK-046	7/16-20	1 3/8	5/8	0.35
SBK-047	SSBK-047	1/2-13	1 3/8	5/8	0.35
SBK-048	SSBK-048	1/2-20	1 3/8	5/8	0.35
SBK-049	SSBK-049	3/8-16	1 7/8	3/4	0.95
SBK-051	SSBK-051	3/8-24	1 7/8	3/4	0.95
SBK-052	SSBK-052	1/2-13	1 7/8	3/4	0.95
SBK-053	SSBK-053	1/2-20	1 7/8	3/4	0.95
SBK-054	SSBK-054	5/8-11	1 7/8	3/4	0.95
SBK-055	SSBK-055	5/8-18	1 7/8	3/4	0.95

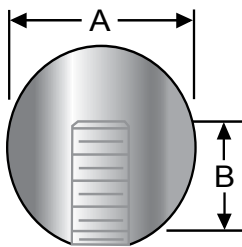
# Ball Knobs

## Brass



Brass P/N	Thread Size	Knob Dia (A)	Thread Depth (B)	Ship Wt. (lbs)
BBK-031	10-24	3/4	3/8	0.02
BBK-032	10-32	3/4	3/8	0.02
BBK-033	10-24	1	3/8	0.04
BBK-034	10-32	1	3/8	0.04
BBK-035	1/4-20	1	1/2	0.04
BBK-036	1/4-28	1	1/2	0.04
BBK-037	5/16-18	1	1/2	0.04
BBK-038	5/16-24	1	1/2	0.04
BBK-056	3/8-16	1	1/2	0.04
BBK-039	1/4-20	1 3/8	5/8	0.10
BBK-041	1/4-28	1 3/8	5/8	0.10
BBK-042	5/16-18	1 3/8	5/8	0.10
BBK-043	5/16-24	1 3/8	5/8	0.10
BBK-044	3/8-16	1 3/8	5/8	0.10
BBK-045	3/8-24	1 3/8	5/8	0.10
BBK-046	7/16-20	1 3/8	5/8	0.10
BBK-047	1/2-13	1 3/8	5/8	0.10
BBK-048	1/2-20	1 3/8	5/8	0.10
BBK-049	3/8-16	1 7/8	3/4	0.10
BBK-051	3/8-24	1 7/8	3/4	0.32
BBK-052	1/2-13	1 7/8	3/4	0.32
BBK-053	1/2-20	1 7/8	3/4	0.32
BBK-054	5/8-11	1 7/8	3/4	0.32
BBK-055	5/8-18	1 7/8	3/4	0.32

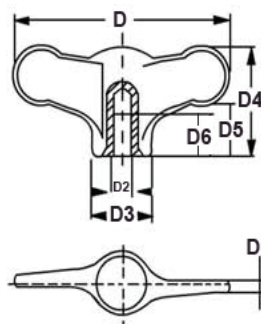
## Aluminum



Aluminum P/N	Thread Size	Knob Dia (A)	Thread Depth (B)	Ship Wt. (lbs)
ABK-031	10-24	3/4	3/8	0.02
ABK-032	10-32	3/4	3/8	0.02
ABK-033	10-24	1	3/8	0.05
ABK-034	10-32	1	3/8	0.05
ABK-035	1/4-20	1	1/2	0.05
ABK-036	1/4-28	1	1/2	0.05
ABK-037	5/16-18	1	1/2	0.05
ABK-038	5/16-24	1	1/2	0.05
ABK-056	3/8-16	1	1/2	0.05
ABK-039	1/4-20	1 3/8	5/8	0.10
ABK-041	1/4-28	1 3/8	5/8	0.10
ABK-042	5/16-18	1 3/8	5/8	0.10
ABK-043	5/16-24	1 3/8	5/8	0.10
ABK-044	3/8-16	1 3/8	5/8	0.10
ABK-045	3/8-24	1 3/8	5/8	0.10
ABK-046	7/16-20	1 3/8	5/8	0.10
ABK-047	1/2-13	1 3/8	5/8	0.10
ABK-048	1/2-20	1 3/8	5/8	0.10
ABK-049	3/8-16	1 7/8	3/4	0.30
ABK-051	3/8-24	1 7/8	3/4	0.30
ABK-052	1/2-13	1 7/8	3/4	0.30
ABK-053	1/2-20	1 7/8	3/4	0.30
ABK-054	5/8-11	1 7/8	3/4	0.30
ABK-055	5/8-18	1 7/8	3/4	0.30

## Winged Knob, Stainless Steel

- Material: 100% Solid Stainless Steel 303
- Smooth, Comfortable oversized finger pads for high torque application
- Threaded blind holes
- Solid cavity-free design is ideal for food service and medical applications
- Polished to a mirror finish



### Inch

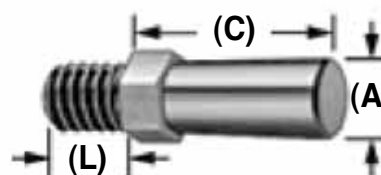
P/N	Overall Width (D)	Wing Thickness (D1)	Thread Size (D2)	Hub Dia (D3)	Total Height (D4)	Base To Wing (D5)	Base To Wing (D6)
SW-65051	1.97	3/64	10-24	.55	.94	.45	.39
SW-65052	1.97	3/64	1/4-20	.55	.94	.45	.39
SW-65053	2.95	3/16	5/16-18	.82	1.38	.65	.55
SW-65054	2.95	3/16	3/8-16	.82	1.38	.65	.55

## Steel Miniature Handles

### Inch

P/N	Thread Size	Thread Length (L)	Hex (D)	Handle Length (C)	Handle Dia (A)
SW-5K56	10-24	1/4	1/8	7/16	1/4
SW-5K57	10-32	1/4	1/8	7/16	1/4
SW-5K58	5/16-18	3/8	3/8	7/8	3/8

Threads are partial (about 1/2 of "L" dimension)



# Stainless Steel Knobs

- Material: 100% Solid Stainless steel 303
- Smooth, Comfortable gripping surface for high torque applications
- Ideal for use in food service and medical applications

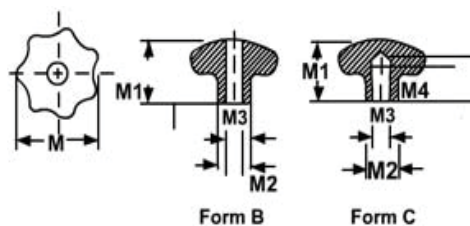
Available as:

- Blind reamed - Form C
- Reamed through - Form B
- Tapped Hole Blind - Form E
- Tapped Hole Through - Form D
- Polished to a mirror finish



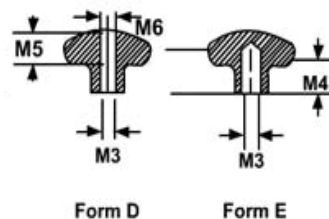
## Form B

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Reamed Hole (M3)	Hub Length (M4)
SW-65005	.125	0.82	.47	.250	.59
SW-65006	1.57	0.98	.51	.312	.71
SW-65007	1.96	1.26	.67	.375	.82
SW-65008	2.48	1.65	.83	.500	.98



## Form C

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Reamed Hole (M3)	Hub Length (M4)
SW-65015	.125	0.82	.47	.250	.59
SW-65016	1.57	0.98	.51	.312	.71
SW-65017	1.96	1.26	.67	.375	.82
SW-65018	2.48	1.65	.83	.500	.98



## Form D

P/N	Overall Width (M)	Overall Length (M1)	Hub Dia. (M2)	Tapped Hole (M3)	Hub Length (M4)	Counter Bore Depth (M5)	Counter Bore Dia. (M6)
SW-65025	1.25	0.82	.47	1/4-20	.59	.47	.25
SW-65026	1.57	1.02	.55	5/16-18	.71	.59	.34
SW-65027	1.96	1.33	.71	3/8-16	.82	.71	.41
SW-65028	2.48	1.65	.78	1/2-13	.98	.86	.51

## Form E

P/N	Overall Width (M)	Overall Length (M1)	Hub Dia. (M2)	Tapped Hole (M3)	Hub Length (M4)	Counter Bore Depth (M5)	Counter Bore Dia. (M6)
SW-65035	1.25	0.82	.47	1/4-20	.59	.47	.25
SW-65036	1.57	1.02	.55	5/16-18	.71	.59	.34
SW-65037	1.96	1.33	.71	3/8-16	.82	.71	.41
SW-65038	2.48	1.65	.78	1/2-13	.98	.86	.51

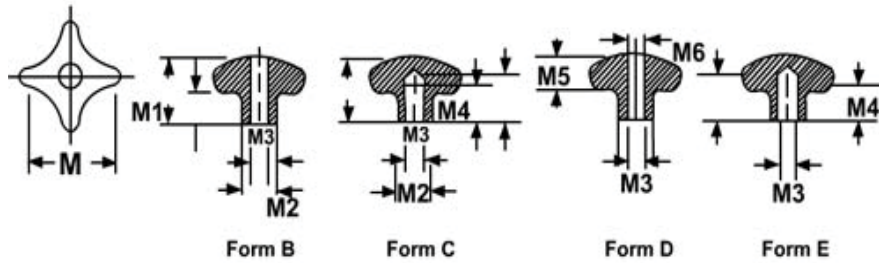
# Four Pronged, Stainless Steel

- Material: 100% Solid Stainless Steel 303
- Smooth, comfortable domed knob with positive grip - non-slip design.
- Ideal for use in food service and medical applications
- Polished to a mirror finish



Available as:

- Blind reamed - Form B
- Blind tapped - Form E
- Reamed through - Form B
- Tapped through - Form D



## Form B

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Reamed Hole (M3)
SW-65001	.125	0.79	.39	.250
SW-65002	1.57	0.98	.51	.312
SW-65003	1.96	1.26	.67	.375
SW-65004	2.48	1.65	.83	.500

## Form C

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Reamed Hole (M3)
SW-65011	0.125	0.79	.39	.250
SW-65012	1.57	0.98	.51	.312
SW-65013	1.96	1.26	.67	.375
SW-65014	2.48	1.65	.83	.500

## Form D

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Tapped Hole (M3)	Counter Bore Depth (M5)	Counter Bore Dia. (M6)
SW-65021	1.25	0.79	.39	1/4-20	.47	0.83
SW-65022	1.57	0.98	.51	5/16-18	.55	1.02
SW-65023	1.96	1.26	.67	3/18-6	.71	1.34
SW-65024	2.48	1.65	.83	1/2-13	.79	1.65

## Form E

P/N	Overall Width (M)	Overall Length (M1)	Thread Size (M2)	Tapped Hole (M3)	Counter Bore Depth (M5)	Counter Bore Dia. (M6)
SW-65031	1.25	0.79	.39	1/4-20	.47	0.83
SW-65032	1.57	0.98	.51	5/16-18	.55	1.02
SW-65033	1.96	1.26	.67	3/18-6	.71	1.34
SW-65034	2.48	1.65	.83	1/2-13	.79	1.65



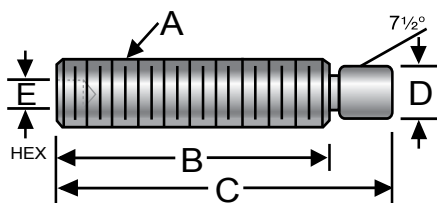
## Tooling Components

<b>Swivel Pad Clamps</b>	<b>134-135</b>
<b>Toggle Pads</b>	<b>136-137</b>
<b>Swing Bolts</b>	<b>138</b>
<b>Washers</b>	<b>139-140</b>
<b>Rest Buttons</b>	<b>141-142</b>
<b>T-Nuts</b>	<b>143</b>
<b>Check, Extension, Coupling and Knurled Nuts</b>	<b>144-145</b>
<b>Flat &amp; Dog Point Screws</b>	<b>146-147</b>
<b>Jig Screws</b>	<b>148</b>
<b>Lever Shafts</b>	<b>149</b>
<b>Steel Threaded Rod</b>	<b>150</b>
<b>Stainless Steel Setup with Studs</b>	<b>151</b>
<b>Studs</b>	<b>152-154</b>



# Swivel Pad Clamps

The small swivel pad holds parts with surfaces that are at an angle without marring or damaging surfaces. Available with black oxide steel, stainless steel or Delrin® pads and black oxide steel or stainless steel bodies.

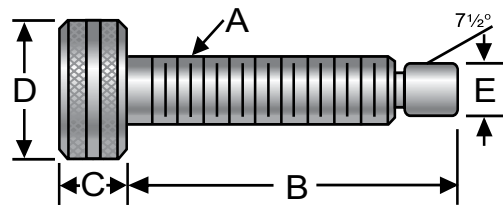


## Socket Head

Steel Body and Pad P/N	Steel Body with Delrin® Pad P/N	Stainless Body and Pad P/N	Stainless Body with Delrin® Pad P/N	Thread (A)	Thread Length (B)	Total Length (C)	Pad Dia. (D)	Hex Size (E)
SPC00-50	SPCD00-50	SSPC00-50	SSPCD00-50	10-32	11/32	1/2	0.146	3/32
SPC0-50	SPCD0-50	SSPC0-50	SSPCD0-50	1/4-20	11/32	1/2	0.185	1/8
SPC0-75	SPCD0-75	SSPC0-75	SSPCD0-75	1/4-20	19/32	3/4	0.185	1/8
SPC0-100	SPCD0-100	SSPC0-100	SSPCD0-100	1/4-20	27/32	1	0.185	1/8
SPC0-150	SPCD0-150	SSPC0-150	SSPCD0-150	1/4-20	1 11/32	1 1/2	0.185	1/8
SPC100-75	SPCD100-75	SSPC100-75	SSPCD100-75	5/16-18	35/64	3/4	0.250	5/32
SPC100-100	SPCD100-100	SSPC100-100	SSPCD100-100	5/16-18	51/64	1	0.250	5/32
SPC100-150	SPCD100-150	SSPC100-150	SSPCD100-150	5/16-18	1 19/64	1 1/2	0.250	5/32
SPC100-200	SPCD100-200	SSPC100-200	SSPCD100-200	5/16-18	1 51/64	2	0.250	5/32
SPC1-75	SPCD1-75	SSPC1-75	SSPCD1-75	3/8-16	1/2	3/4	0.293	3/16
SPC1-100	SPCD1-100	SSPC1-100	SSPCD1-100	3/8-16	3/4	1	0.293	3/16
SPC1-150	SPCD1-150	SSPC1-150	SSPCD1-150	3/8-16	1 1/4	1 1/2	0.293	3/16
SPC1-200	SPCD1-200	SSPC1-200	SSPCD1-200	3/8-16	1 3/4	2	0.293	3/16
SPC2-75	SPCD2-75	SSPC2-75	SSPCD2-75	1/2-13	7/16	3/4	0.400	1/4
SPC2-100	SPCD2-100	SSPC2-100	SSPCD2-100	1/2-13	11/16	1	0.400	1/4
SPC2-150	SPCD2-150	SSPC2-150	SSPCD2-150	1/2-13	1 3/16	1 1/2	0.400	1/4
SPC2-200	SPCD2-200	SSPC2-200	SSPCD2-200	1/2-13	1 11/16	2	0.400	1/4
SPC2-300	SPCD2-300	SSPC2-300	SSPCD2-300	1/2-13	2 11/16	3	0.400	1/4
SPC3-100	SPCD3-100	SSPC3-100	SSPCD3-100	5/8-11	5/8	1	0.506	5/16
SPC3-200	SPCD3-200	SSPC3-200	SSPCD3-200	5/8-11	1 5/8	2	0.506	5/16
SPC3-300	SPCD3-300	SSPC3-300	SSPCD3-300	5/8-11	2 5/8	3	0.506	5/16
SPC4-150	SPCD4-150	SSPC4-150	SSPCD4-150	3/4-10	1	1 1/2	0.625	3/8
SPC4-250	SPCD4-250	SSPC4-250	SSPCD4-250	3/4-10	2	2 1/2	0.625	3/8
SPC5-150	SPCD5-150	SSPC5-150	SSPCD5-150	1-8	53/64	1 1/2	0.813	9/16

# Swivel Pad Clamps

Knurled swivel pad clamps provide finger-tight clamping to hold parts with surfaces that are at an angle. The small swivel pad will clamp without marring or damaging surfaces. Available with black oxide steel, stainless steel or Delrin® pads and black oxide steel or stainless steel bodies.

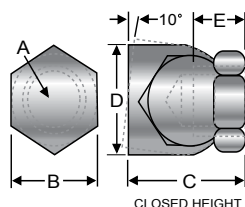


## Knurled

Steel Body and Pad P/N	Steel Body with Delrin® Pad P/N	Stainless Body and Pad P/N	Stainless Body with Delrin® Pad P/N	Thread (A)	Thread Length (B)	Total Length (C)	Pad Dia. (D)	Hex Size (E)
SPCK0-150	SPCKD0-150	SSPCK0-150	SSPCKD0-150	1/4-20	1 1/2	3/8	0.185	1
SPCK0-200	SPCKD0-200	SSPCK0-200	SSPCKD0-200	1/4-20	2	3/8	0.185	1
SPCK100-150	SPCKD100-150	SSPCK100-150	SSPCKD100-150	5/16-18	1 1/2	7/16	0.240	1 1/8
SPCK100-200	SPCKD100-200	SSPCK100-200	SSPCKD100-200	5/16-18	2	7/16	0.240	1 1/8
SPCK100-250	SPCKD100-250	SSPCK100-250	SSPCKD100-250	5/16-18	2 1/2	7/16	0.240	1 1/8
SPCK1-150	SPCKD1-150	SSPCK1-150	SSPCKD1-150	3/8-16	1 1/2	1/2	0.293	1 1/4
SPCK1-200	SPCKD1-200	SSPCK1-200	SSPCKD1-200	3/8-16	2	1/2	0.293	1 1/4
SPCK1-250	SPCKD1-250	SSPCK1-250	SSPCKD1-250	3/8-16	2 1/2	1/2	0.293	1 1/4
SPCK1-300	SPCKD1-300	SSPCK1-300	SSPCKD1-300	3/8-16	3	1/2	0.293	1 1/4
SPCK2-150	SPCKD2-150	SSPCK2-150	SSPCKD2-150	1/2-13	1 1/2	9/16	0.400	1 1/4
SPCK2-200	SPCKD2-200	SSPCK2-200	SSPCKD2-200	1/2-13	2	9/16	0.400	1 1/4
SPCK2-250	SPCKD2-250	SSPCK2-250	SSPCKD2-250	1/2-13	2 1/2	9/16	0.400	1 1/4
SPCK2-300	SPCKD2-300	SSPCK2-300	SSPCKD2-300	1/2-13	3	9/16	0.400	1 1/4

## Toggle Pads - Smooth Pad

Toggle pads are used to clamp parts with uneven or angled surfaces. Because the pad swivels 10° in all directions, it is self-aligning against the workpiece surface. Serrated pads are for extra grip and Delrin® pads are used on soft surfaces to prevent marring. Steel pads are case hardened with a yellow zinc finish.



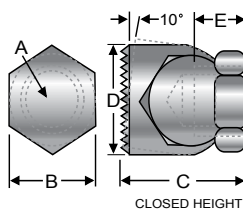
### Steel Body

Steel Body and Pad P/N	Steel Body with Delrin® Pad P/N	Thread (A)	Max Load Steel Pads (lbs)	Max load Delrin® Pads (lbs)	Hex Size (B)	Closed Height (C)	Pad Dia. (D)	Thread Depth (E)
SP-1	SP-1D	1/4-20	3,900	360	1/2	5/8	5/8	5/16
SP-2	SP-2D	5/16-18	5,900	360	9/16	3/4	11/16	3/8
SP-3	SP-3D	3/8-16	6,400	570	5/8	13/16	3/4	3/8
SP-4	SP-4D	1/2-13	7,000	570	3/4	15/16	7/8	7/16
SP-5	SP-5D	5/8-11	10,000	1,000	7/8	1	1	7/16
SP-6	SP-6D	3/4-10	13,500	1,300	1 1/16	1 11/32	1 1/4	5/8
SP-7	SP-7D	1-8	18,750	1,570	1 3/8	1 53/64	1 5/8	13/16

### Stainless Steel Body

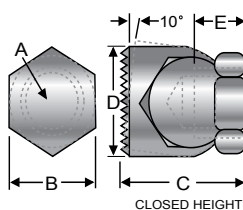
Stainless Steel Body and Pad P/N	Stainless Steel Body Delrin® Pad P/N	Thread (A)	Max Load Stainless Pad (lbs)	Max load Delrin® Pad (lbs)	Hex Size (B)	Closed Height (C)	Pad Dia. (D)	Thread Depth (E)
SP-1S	SP-1SD	1/4-20	5,000	360	1/2	5/8	5/8	5/16
SP-2S	SP-2SD	5/16-18	7,600	360	9/16	3/4	11/16	3/8
SP-3S	SP-3SD	3/8-16	8,250	570	5/8	13/16	3/4	3/8
SP-4S	SP-4SD	1/2-13	9,000	570	3/4	15/16	7/8	7/16
SP-5S	SP-5SD	5/8-11	12,900	1,000	7/8	1	1	7/16
SP-6S	SP-6SD	3/4-10	17,400	1,300	1 1/16	1 11/32	1 1/4	5/8
SP-7S	SP-7SD	1-8	24,200	1,570	1 3/8	1 53/64	1 5/8	13/16

# Toggle Pads-Serrated Pad



## Steel Body, Serrated

Steel Body and Pad P/N	Thread (A)	Max Load (lbs)	Hex Size (B)	Closed Height (C)	Pad Dia. (D)	Thread Depth (E)
SSP-1	1/4-20	3,900	1/2	5/8	5/8	5/16
SSP-2	5/16-18	5,900	9/16	3/4	11/16	3/8
SSP-3	3/8-16	6,400	5/8	13/16	3/4	3/8
SSP-4	1/2-13	7,000	3/4	15/16	7/8	7/16
SSP-5	5/8-11	10,000	7/8	1	1	7/16
SSP-6	3/4-10	13,500	1 1/16	1 11/32	1 1/4	5/8
SSP-7	1-8	18,750	1 3/8	1 53/64	1 5/8	13/16

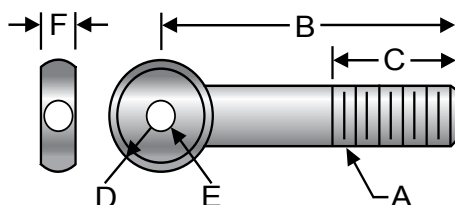


## Stainless Steel Body, Serrated

Stainless Steel Body and Pad P/N	Thread (A)	Max Load (lbs)	Hex Size (B)	Closed Height (C)	Pad Dia. (D)	Thread Depth (E)
SSP-1S	1/4-20	5,000	1/2	5/8	5/8	5/16
SSP-2S	5/16-18	7,600	9/16	3/4	11/16	3/8
SSP-3S	3/8-16	8,250	5/8	13/16	3/4	3/8
SSP-4S	1/2-13	9,000	3/4	15/16	7/8	7/16
SSP-5S	5/8-11	12,900	7/8	1	1	7/16
SSP-6S	3/4-10	17,400	1 1/16	1 11/32	1 1/4	5/8
SSP-7S	1-8	24,200	1 3/8	1 53/64	1 5/8	13/16

# Swing Eye Bolts

Available with blank or threaded shaft. Made from cold finished steel with a black oxide finish. Threaded eye bolts are case hardened. Used in many applications in the construction of machinery, jigs, fixtures and other tooling.



## Blank

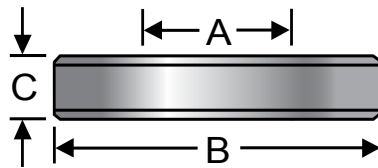
Steel P/N	Dia (A)	Length (B)	Head Radius (D)	Thickness (F)
SBB-1	1/4	2	1/4	1/4
SBB-2	3/8	3 3/4	1/2	1/2
SBB-3	1/2	3 3/4	1/2	1/2
SBB-4	5/8	4 1/2	5/8	5/8

## Threaded

Steel P/N	Thread (A)	Length (B)	Thread Length (C)	Head Radius (D)	Reamed Hole Dia. (E)	Thickness (F)
SB-1	1/4-20	2	3/4	1/4	3/16	1/4
SB-11	1/4-20	3	1 1/4	1/4	3/16	1/4
SB-5	5/16-18	3	1 1/2	5/16	1/4	5/16
SB-52	5/16-18	3	1 1/2	5/16	5/16	5/16
SB-51	5/16-18	4	2	5/16	1/4	5/16
SB-53	5/16-18	4	2	5/16	5/16	5/16
SB-22	3/8-16	3	1 1/2	3/8	5/16	3/8
SB-24	3/8-16	3	1 1/2	3/8	3/8	3/8
SB-2	3/8-16	3 3/4	1 1/2	1/2	3/8	1/2
SB-25	3/8-16	3 3/4	2	3/8	3/8	3/8
SB-23	3/8-16	5	2 1/2	3/8	5/16	3/8
SB-26	3/8-16	5	2 1/2	3/8	3/8	3/8
SB-21	3/8-16	5	2 1/2	1/2	3/8	1/2
SB-3	1/2-13	3 3/4	1 1/2	1/2	3/8	1/2
SB-31	1/2-13	5	2	1/2	3/8	1/2
SB-4	5/8-11	4 1/2	2	5/8	5/8	5/8
SB-41	5/8-11	6	2 1/2	5/8	5/8	5/8
SB-6	3/4-10	4 1/2	2	3/4	3/4	3/4
SB-61	3/4-10	6	2 1/2	3/4	3/4	3/4

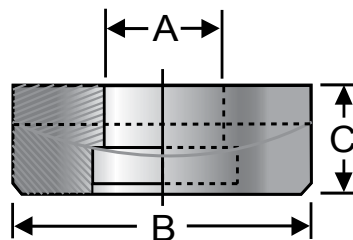
# Washers

Steel washers are made from cold finished steel and then case hardened. Black oxide finish. Stainless steel washers are type 303.



## Flat

Steel P/N	Stainless P/N	Bolt Size	Hole Dia (A)	OD (B)	Thickness (C)
MFW-1	SFW-1	1/4	17/64	11/16	3/16
MFW-2	SFW-2	5/16	11/32	13/16	3/16
MFW-3	SFW-3	3/8	25/64	15/16	3/16
MFW-4	SFW-4	1/2	17/32	1 1/8	3/16
MFW-5	SFW-5	5/8	21/32	1 3/8	3/16
MFW-6	SFW-6	3/4	25/32	1 5/8	1/4
MFW-7	SFW-7	7/8	29/32	1 3/4	1/4
MFW-8	SFW-8	1	1 1/32	2	1/4



## 2-Piece Spherical

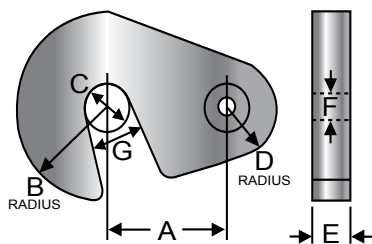
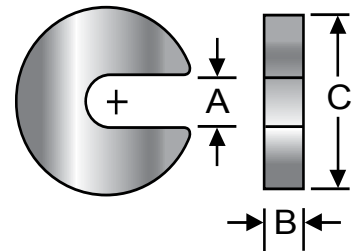
Steel P/N	Stainless P/N	Bolt Size	Hole Dia (A)	OD (B)	Thickness (C)
TPW-1	STPW-1	1/4	9/32	5/8	3/16
TPW-2	STPW-2	5/16	11/32	13/16	1/4
TPW-3	STPW-3	3/8	13/32	15/16	1/4
TPW-4	STPW-4	1/2	17/32	1 3/16	5/16
TPW-5	STPW-5	5/8	21/32	1 3/8	5/16
TPW-6	STPW-6	3/4	25/32	1 5/8	3/8
TPW-7	STPW-7	7/8	15/16	1 7/8	3/8
TPW-8	STPW-8	1	1 1/16	2	1/2

# Washers

Steel washers are made from cold finished steel and then case hardened. Black oxide finish. Stainless steel washers are type 303.

## Heavy-Duty C-Washer - Steel

P/N	Slot Width (A)	Thickness (B)	Outside Dia (C)
MW-3	9/32	1/4	1 1/4
MW-7	11/32	5/16	1 1/4
MW-12	13/32	3/8	1 1/2
MW-18	17/32	3/8	2
MW-21	21/32	3/8	2 1/8
MW-24	25/32	7/16	2 1/2
MW-27	29/32	1/2	2 5/8
MW-29	1 1/32	9/16	3

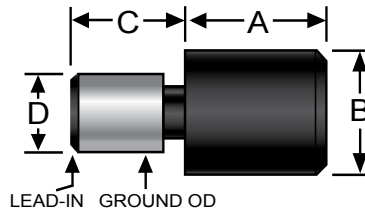


## Swing C-Washer

P/N	C-C (A)	Slot End Radius (B)	Slot Dia (C)	Hole End Radius (D)	Thickness (E)	Hole Dia (F)	Screw Size (G)
MSW-1	1	3/4	13/32	3/8	1/4	5/16	1/4-20
MSW-2	1 1/4	1	17/32	1/2	3/8	3/8	5/16-18
MSW-3	1 1/2	1 1/8	21/32	9/16	3/8	1/2	3/8-16
MSW-4	1 3/4	1 1/4	25/32	5/8	1/2	1/2	3/8-16

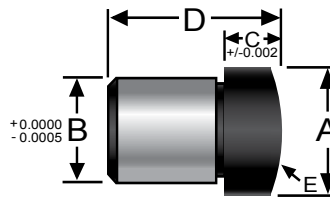
# Rest Buttons

Used in jig and fixture work. Made from cold finished steel. Carburized and hardened with a black oxide finish. Ground insert diameter tolerance  $\pm 0.0005$ ".



## Press Fit

P/N	Button Height (A)	Button Dia. (B)	Insert Height (C)	Insert Dia. (D)
RPF-1T	1/4	3/8	3/8	0.1885
RPF-2T	3/8	3/8	3/8	0.1885
RPF-3T	1/2	3/8	3/8	0.1885
RPF-1S	1/4	1/2	1/2	0.2510
RPF-2S	3/8	1/2	1/2	0.2510
RPF-3S	1/2	1/2	1/2	0.2510
RPF-1	1/4	5/8	1/2	0.3760
RPF-2	3/8	5/8	1/2	0.3760
RPF-3	1/2	5/8	1/2	0.3760
RPF-4	5/8	5/8	1/2	0.3760
RPF-5	3/4	5/8	1/2	0.3760
RPF-6	1	5/8	1/2	0.3760
RPF-7	1 1/4	5/8	1/2	0.3760
RPF-8	1 1/4	3/4	1/2	0.2010



## Spherical Press Fit

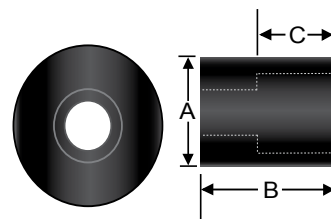
P/N	Button Dia (A)	Insert Dia (B)	Button Height (C)	Total Height (D)	Button Radius (E)
RSPF-25	5/16	0.1890	1/8	3/8	1/2
RSPF-27	3/8	0.2515	3/16	1/2	5/8
RSPF-29	1/2	0.3765	3/16	9/16	3/4
RSPF-31	1/2	0.3765	1/4	5/8	3/4
RSPF-33	1/2	0.3765	3/8	3/4	3/4
RSPF-35	1/2	0.3765	1/2	7/8	3/4

# Rest Buttons

Used in jig and fixture work. Made from cold finished steel. Carburized and hardened with a black oxide finish. Ground insert diameter tolerance  $\pm.0005"$ .

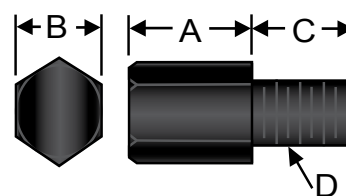
## Circular Type

P/N	Screw Size	Button Dia. (A)	Button Height (B)	Insert Height (C)
CF-1	#10	1/2	5/16	7/32
CF-1L	#10	1/2	1/2	7/32
CF-2	1/4	5/8	7/16	9/32
CF-2L	1/4	5/8	5/8	9/32
CF-3	5/16	3/4	1/2	3/8
CF-6	5/16	3/4	5/8	3/8
CF-3L	5/16	3/4	3/4	3/8
CF-4	3/8	15/16	5/8	7/16
CF-7	3/8	15/16	3/4	7/16
CF-8	3/8	15/16	7/8	7/16
CF-9	3/8	15/16	1	7/16
CF-5	1/2	1-1/4	7/8	9/16



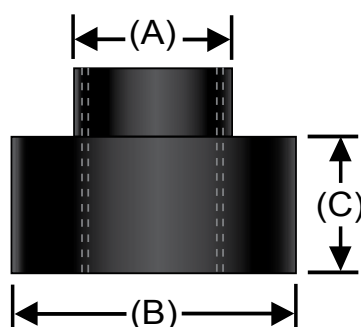
## Hex Threaded

P/N	Button Height (A)	Hex Size (B)	Thread Length (C)	Thread Size (D)
HJF-1	1/2	3/8	3/8	1/4-28
HJF-2	3/4	3/8	3/8	1/4-28
HJF-3	1	3/8	3/8	1/4-28
HJF-4	1/2	1/2	1/2	3/8-24
HJF-5	3/4	1/2	1/2	3/8-24
HJF-6	1	1/2	1/2	3/8-24
HJF-7	1/2	5/8	1/2	1/2-20
HJF-8	3/4	5/8	1/2	1/2-20
HJF-9	1	5/8	1/2	1/2-20



# T-Nuts

Used for setting up work on machine tools. Also used with stud sets and other applications on jigs and fixtures. The tongue is slightly undersized to fit machine table slot (A dimension). The standard T-nuts are threaded completely through. The safety design is tapped one thread short of going through to prevent the stud from being screwed into the table. Made of cold finished steel, case hardened with a black oxide finish.



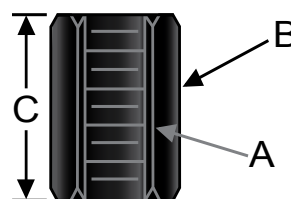
## T-Nut

P/N	Safety P/N	Table Slot (A)	Thread	Width (B)	Base Height (C)	Total Length	Total Height
TSN-0	TSN-100	3/8	1/4-20	5/8	1/4	7/8	3/8
TSN-1	TSN-101	3/8	5/16-18	5/8	1/4	7/8	3/8
TSN-18	TSN-118	7/16	5/16-18	3/4	7/32	1	1/2
TSN-2	TSN-102	7/16	3/8-16	3/4	7/32	1	1/2
TSN-3	TSN-103	1/2	3/8-16	7/8	9/32	1	1/2
TSN-19	TSN-119	9/16	3/8-16	7/8	11/32	1	5/8
TSN-4	TSN-104	9/16	1/2-13	7/8	11/32	1	5/8
TSN-20*	TSN-120*	5/8	3/8-16	1	3/8	1	5/8
TSN-5*	TSN-105*	5/8	1/2-13	1	3/8	1	5/8
TSN-21*	TSN-121*	5/8	3/8-16	1 3/16	7/16	1 3/16	7/8
TSN-22*	TSN-122*	5/8	1/2-13	1 3/16	7/16	1 3/16	7/8
TSN-16	TSN-116	11/16	1/2-13	1 1/8	13/32	1 1/8	3/4
TSN-6	TSN-106	11/16	5/8-11	1 1/8	13/32	1 1/8	3/4
TSN-7	TSN-107	3/4	5/8-11	1 1/4	1/2	1 1/8	3/4
TSN-14	TSN-114	13/16	5/8-11	1 3/8	9/16	1 1/2	1
TSN-8	TSN-108	13/16	3/4-10	1 3/8	9/16	1 1/2	1
TSN-9	TSN-109	7/8	3/4-10	1 1/2	5/8	1 1/2	1
TSN-10	TSN-110	13/16	3/4-10	1 1/4	17/32	1 1/2	1
TSN-15	TSN-115	1	3/4-10	1 1/2	3/4	1 1/2	1 1/4
TSN-13	TSN-113	1	7/8-9	1 3/4	3/4	1 1/2	1 1/2
TSN-11	TSN-111	1 1/8	7/8-9	1 3/4	3/4	1 1/2	1 1/2
TSN-12	TSN-112	1 1/16	7/8-9	1 3/4	3/4	1 1/2	1 1/2
TSN-17	TSN-117	1 1/8	1-8	1 3/4	3/4	1 3/4	1 1/2

## Extension or Coupling Nut

Used for set up work on machine tools. Made from cold finished steel, case hardened with a black oxide finish.

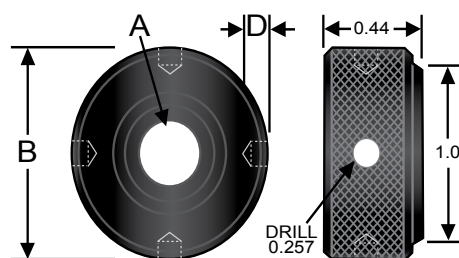
P/N	Thread (A)	Hex Size (B)	Total Length (C)
HN-0	1/4-20	9/16	7/8
HN-1	5/16-18	9/16	7/8
HN-2	3/8-16	11/16	1 1/8
HN-3	1/2-13	7/8	1 1/2
HN-4	5/8-11	1 1/16	1 3/4
HN-5	3/4-10	1 1/4	2
HN-6	7/8-9	1 3/8	2 1/4
HN-7	1-8	1 1/2	2 1/2



## Knurled Nut

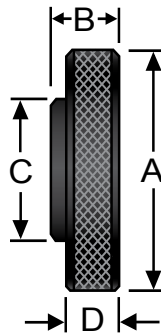
Used extensively in the construction of jigs, fixtures, and other special tooling. Made from hardened steel with a black oxide finish.

P/N	Thread (A)	OD (B)	Depth (D)
RDN-1	3/8-16	1 1/8	7/32
RDN-2	1/2-13	1 1/8	7/32
RDN-3	5/8-11	1 3/8	1/4



# Check Nut

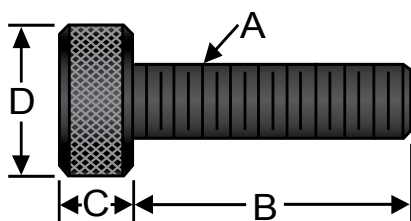
Check nuts can be used in conjunction with many other components such as knurled head screws, torque thumb screws, hand knob assemblies and toggle shoe clamp assemblies. Made from low carbon steel with a black oxide finish.



P/N	Thread	OD (A)	Thickness (B)	Minor OD (C)	Knurled Thickness (D)
CN-0	10-24	3/4	7/32	1/2	5/32
CN-1	10-32	3/4	7/32	1/2	5/32
CN-2	1/4-20	3/4	7/32	1/2	5/32
CN-3	5/16-18	3/4	5/16	1/2	1/4
CN-4	3/8-16	3/4	5/16	1/2	1/4
CN-5	1/2-13	1	3/8	3/4	1/4
CN-6	5/8-11	1	3/8	3/4	1/4

# Flat Point Screw

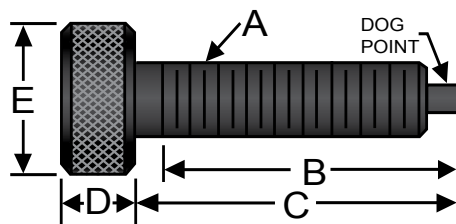
For jig and fixture work. Available in low carbon steel, not hardened, with black oxide finish or 303 stainless.



Steel P/N	Stainless P/N	Thread (A)	Thread Length (B)	Head Thickness (C)	Head Dia (D)
FPS-0S	SFPS-0S	10-32	1 1/2	3/16	5/8
FPS-0	SFPS-0	10-32	2	5/8	5/8
FPS-1S	SFPS-1S	10-24	1 1/2	3/16	5/8
FPS-1	SFPS-1	10-24	2	5/8	5/8
FPS-2S	SFPS-2S	1/4-20	1 1/2	7/32	11/16
FPS-2	SFPS-2	1/4-20	2 1/2	7/32	11/16
FPS-3SS	SFPS-3SS	5/16-18	1 1/2	7/32	11/16
FPS-3S	SFPS-3S	5/16-18	1 3/4	1/4	3/4
FPS-3	SFPS-3	5/16-18	2 1/4	1/4	3/4
FPS-3L	SFPS-3L	5/16-18	3	3/4	3/4
FPS-4S	SFPS-4S	3/8-16	2	7/8	7/8
FPS-4	SFPS-4	3/8-16	2 1/2	5/16	7/8
FPS-4L	SFPS-4L	3/8-16	3	7/8	7/8
FPS-5	SFPS-5	1/2-13	3	1	1

# Dog Point Screw

Used where permanent location of one part in relation to another is desired. Point is usually spotted in hole or slot. Heat treated steel with black oxide finish.



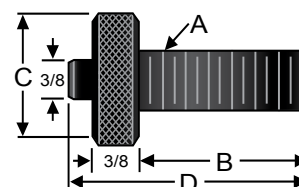
Steel P/N	Thread (A)	Thread Length (B)	Stud Length (C)	Head Thickness (D)	Head Dia (E)
DPS-101	10-24	3/4	1	1/4	3/4
DPS-102	10-24	1 1/4	1 1/2	1/4	3/4
DPS-103	10-24	1 3/4	2	1/4	3/4
DPS-104	1/4-20	1 1/4	1 1/2	5/16	1
DPS-105	1/4-20	1 3/4	2	5/16	1
DPS-106	1/4-20	2 1/4	2 1/2	5/16	1
DPS-107	5/16-18	1 1/4	1 1/2	3/8	1 1/8
DPS-108	5/16-18	1 3/4	2	3/8	1 1/8
DPS-109	5/16-18	2 1/4	2 1/2	3/8	1 1/8
DPS-110	3/8-16	1 3/4	2	7/16	1 1/4
DPS-112	3/8-16	2 3/4	3	7/16	1 1/4
DPS-113	1/2-13	2 3/4	3	1/2	1 1/4

# Jig Screws

## Steel - Jack Screws

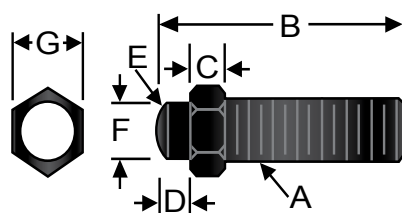
Jack screws are used in fixtures to support irregularly shaped work pieces, such as castings and to eliminate bowing or warping of thinner materials during machining. Made from heat treated steel with a black oxide finish.

Steel P/N	Thread (A)	Thread Length (B)	Nut O.D. (C)	Total Length (D)
JS-500	3/8-16	1 1/4	1 1/8	1 7/8
JS-510	3/8-16	1 5/8	1 1/8	2 1/4
JS-515	3/8-16	2	1 1/8	2 5/8
JS-520	1/2-13	1 1/4	1 1/8	1 7/8
JS-525	1/2-13	1 5/8	1 1/8	2 1/4
JS-530	1/2-13	2	1 1/8	2 5/8
JS-535	1/2-13	2 1/2	1 1/8	3 1/8
JS-540	5/8-11	1 5/8	1 3/8	2 1/4
JS-545	5/8-11	2	1 3/8	2 5/8
JS-550	5/8-11	2 1/2	1 3/8	3 1/8



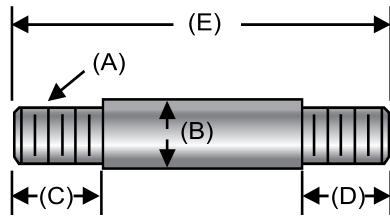
## Locating Button

Adjustable locating screws are used together or in combination with fixed locating pins to accurately position work pieces in jigs and fixtures. Made from heat treated steel with a black oxide finish.



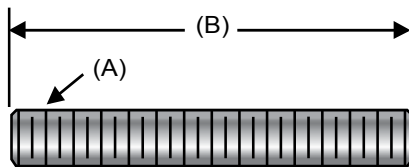
S&W P/N	Thread (A)	Total Length (B)	Hex Height (C)	Button Height (D)	Button Radius (E)	Base Dia (F)	Hex Size (G)
HJS-575	10-32	1	1/8	1/8	1/8	3/16	1/4
HJS-580	1/4-28	1 1/2	3/16	3/16	3/16	1/4	3/8
HJS-585	3/8-24	2	1/4	1/4	1/4	3/8	1/2
HJS-590	1/2-20	2 1/2	5/16	5/16	5/16	1/2	5/8
HJS-595	5/8-18	3	3/8	3/8	3/8	5/8	3/4

# Lever Shafts



Aluminum P/N	Steel P/N	Stainless P/N	Brass P/N	Thread (A)	O.D. (B)	Thread Length (C)	Thread Length (D)	Total Height (E)
LSA00F-138	LS00F-138	LSS00F-138	LSB00F-138	10-32	1/4	3/8	1/4	1 3/8
LSA00F-278	LS00F-278	LSS00F-278	LSB00F-278	10-32	1/4	3/8	1/4	2 7/8
LSA0-238	LS0-238	LSS0-238	LSB0-238	1/4-20	3/8	3/8	1/4	2 3/8
LSA0-578	LS0-578	LSS0-578	LSB0-578	1/4-20	3/8	1/2	3/8	5 7/8
LSA100-238	LS100-238	LSS100-238	LSB100-238	5/16-18	3/8	1/2	3/8	2 3/8
LSA100-578	LS100-578	LSS100-578	LSB100-578	5/16-18	3/8	1/2	3/8	5 7/8
LSA1-218	LS1-218	LSS1-218	LSB1-218	3/8-16	1/2	1/2	1/2	2 1/8
LSA1-358	LS1-358	LSS1-358	LSB1-358	3/8-16	1/2	1/2	1/2	3 5/8
LSA1-758	LS1-758	LSS1-758	LSB1-758	3/8-16	1/2	1/2	1/2	7 5/8
LSA2-538	LS2-538	LSS2-538	LSB2-538	1/2-13	5/8	5/8	5/8	5 3/8
LSA2-738	LS2-738	LSS2-738	LSB2-738	1/2-13	5/8	5/8	5/8	7 3/8
LSA2-938	LS2-938	LSS2-938	LSB2-938	1/2-13	5/8	5/8	5/8	9 3/8

# Steel Threaded Rod



## Steel - 4.6 Plain Steel 4.6 Plain Steel, Metric

P/N	Thread (A)	Thread Pitch (A)	Total Length (B)
MTR46-18250-300	M18	2.5	300
MTR46-20250-300	M20	2.5	300
MTR46-24300-300	M24	3.0	300
MTR46-27300-300	M27	3.0	300
MTR46-30350-300	M30	3.5	300
MTR46-33350-300	M33	3.5	300
MTR46-36400-300	M36	4.0	300
MTRL46-12175-300	M12	1.75	300
MTRL46-14200-300	M14	2.0	300
MTRL46-16200-300	M16	2.0	300
MTRL46-20250-300	M20	2.5	300
MTR46-08100-300	M8	1.0	300
MTR46-10100-300	M10	1.0	300
MTR46-10125-300	M10	1.25	300
MTR46-12125-300	M12	1.25	300
MTR46-12150-300	M12	1.5	300
MTR46-14150-300	M14	1.5	300
MTR46-16150-300	M16	1.5	300
MTR46-18150-300	M18	1.5	300
MTR46-20150-300	M20	1.5	300
MTR46-24200-300	M24	2.0	300

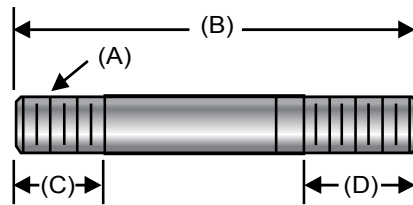
## Steel - B7 Steel B7 Steel, Metric

P/N	Thread (A)	Thread Pitch (A)	Total Length (B)
MTR-10100-300	M10	1.0	300
MTR-10125-300	M10	1.25	300
MTR-12125-300	M12	1.25	300
MTR-12150-300	M12	1.5	300
MTR-16150-300	M16	1.5	300
MTR-20150-300	M20	1.5	300
MTR-10125-1M	M10	1.25	1M
MTR-12125-1M	M12	1.25	1M
MTR-12150-1M	M12	1.5	1M
MTR-16150-1M	M16	1.5	1M
MTR-20150-1M	M20	1.5	1M

## Steel - 8.8 Plain Steel 8.8 Plain Steel, Metric

P/N	Thread (A)	Thread Pitch (A)	Total Length (B)
MTR88-10150-300	M10	1.5	300
MTR88-12175-300	M12	1.75	300
MTR88-16200-300	M16	2.0	300
MTR88-20250-300	M20	2.5	300
MTR88-24300-300	M24	3.0	300
MTR88-27300-300	M27	3.0	300
MTR88-30350-300	M30	3.5	300
MTR88-36400-300	M36	4.0	300

# Stainless Steel Set Up Studs



## Stainless Steel Set Up Stud, Inch

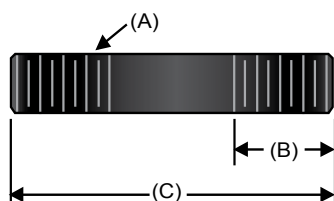
P/N	Thread (A)	Total Length (B)	Short (C)	Long (D)
SBETS-025-15	1/4-20	1-1/2	3/8	7/8
SBETS-025-20	1/4-20	2	3/8	1
SBETS-025-25	1/4-20	2-1/2	3/8	1
SBETS-025-30	1/4-20	3	3/8	1-1/2
SBETS-025-30A	1/4-20	3	3/8	1-3/4
SBETS-025-50	1/4-20	5	3/8	1-3/4
SBETS-025-60	1/4-20	6	3/8	2
SBETS-025-70	1/4-20	7	3/8	2
SBETS-025-80	1/4-20	8	3/8	2-1/2
SBETS-031-15	5/16-18	1-1/2	1/2	3/4
SBETS-031-20	5/16-18	2	1/2	3/4
SBETS-031-25	5/16-18	2-1/2	1/2	1
SBETS-031-30	5/16-18	3	1/2	1-1/2
SBETS-031-40	5/16-18	4	1/2	1-1/2
SBETS-031-50	5/16-18	5	1/2	1-3/4
SBETS-031-60	5/16-18	6	1/2	2
SBETS-031-70	5/16-18	7	1/2	2
SBETS-031-80	5/16-18	8	1/2	2-1/2
SBETS-038-15	3/8-16	1-1/2	5/8	5/8
SBETS-038-20	3/8-16	1-1/2	5/8	1
SBETS-038-20A	3/8-16	1-1/2	5/8	1-1/2
SBETS-038-30	3/8-16	3	5/8	1-1/2
SBETS-038-40	3/8-16	4	5/8	1-1/2
SBETS-038-50	3/8-16	5	5/8	1-3/4
SBETS-038-60	3/8-16	6	5/8	2
SBETS-038-80	3/8-16	8	5/8	2-1/2
SBETS-050-15	1/2-13	1-1/2	5/8	5/8
SBETS-050-20	1/2-13	1-1/2	5/8	1
SBETS-050-30	1/2-13	3	3/4	1-1/2
SBETS-050-40	1/2-13	4	3/4	1-1/2
SBETS-050-50	1/2-13	5	3/4	1-1/2
SBETS-050-55	1/2-13	5-1/2	3/4	1-3/4
SBETS-050-60	1/2-13	6	3/4	2
SBETS-050-65	1/2-13	6-1/2	3/4	2
SBETS-050-70	1/2-13	7	3/4	2
SBETS-050-80	1/2-13	8	3/4	2-1/2
SBETS-050-90	1/2-13	9	3/4	2-1/2
SBETS-050-100	1/2-13	10	3/4	3

P/N	Thread (A)	Total Length (B)	Short (C)	Long (D)
SBETS-063-100	5/8-11	10	7/8	2-1/2
SBETS-063-120	5/8-11	12	7/8	3
SBETS-063-140	5/8-11	14	7/8	3
SBETS-075-30	3/4-10	3	1	1-1/2
SBETS-075-40	3/4-10	4	1	1-3/4
SBETS-075-50	3/4-10	5	1	1-3/4
SBETS-075-60	3/4-10	6	1	2
SBETS-075-70	3/4-10	7	1	2
SBETS-075-80	3/4-10	8	1	2-1/2
SBETS-075-90	3/4-10	9	1	2-1/2
SBETS-075-100	3/4-10	10	1	2-1/2
SBETS-075-120	3/4-10	12	1	3
SBETS-075-140	3/4-10	14	1	3
SBETS-088-30	7/8-9	3	1-1/4	1
SBETS-088-40	7/8-9	4	1-1/4	1-3/4
SBETS-088-50	7/8-9	5	1-1/4	1-3/4
SBETS-088-60	7/8-9	6	1-1/4	2
SBETS-088-70	7/8-9	7	1-1/4	2-1/2
SBETS-088-80	7/8-9	8	1-1/4	2-1/2
SBETS-088-90	7/8-9	9	1-1/4	3
SBETS-088-100	7/8-9	10	1-1/4	3
SBETS-088-120	7/8-9	12	1-1/4	3
SBETS-100-40	1-8	4	1-1/2	1-3/4
SBETS-100-50	1-8	5	1-1/2	1-3/4
SBETS-100-60	1-8	6	1-1/2	2
SBETS-100-80	1-8	8	1-1/2	2-1/2

# Studs

## Right Hand/Left Hand Threaded Stud, Steel

Machined from solid stock with a right-hand thread on one end and a left-hand thread on the other. Threads are the same length on both ends. Used in the construction of jigs, fixtures, and other special tooling. Made from mild steel with a black oxide finish.



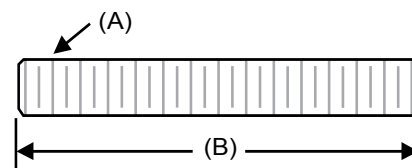
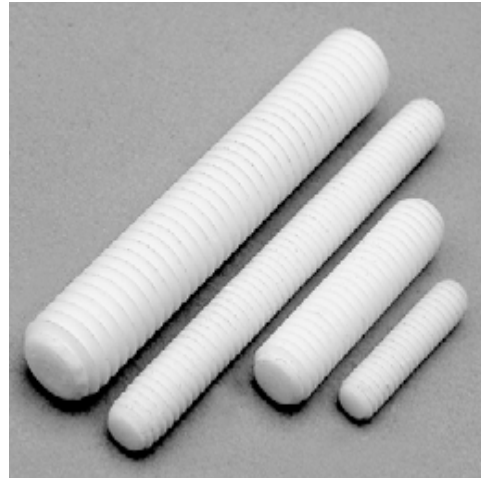
P/N	Thread (A)	Thread Length (B)	Total Length (C)
ST0-15	1/4-20	5/8	1 1/2
ST0-20	1/4-20	1/2	2
ST0-25	1/4-20	3/4	2 1/2
ST0-30	1/4-20	3/4	3
ST0-40	1/4-20	1	4
ST100-20	5/16-18	1/2	2
ST100-25	5/16-18	3/4	2 1/2
ST100-30	5/16-18	3/4	3
ST100-40	5/16-18	1	4
ST1-15	3/8-16	5/8	1 1/2
ST1-17	3/8-16	5/8	1 3/4
ST1-20	3/8-16	3/4	2
ST1-22	3/8-16	3/4	2 1/4
ST1-25	3/8-16	3/4	2 1/2
ST1-30	3/8-16	3/4	3
ST1-35	3/8-16	1	3 1/2
ST1-40	3/8-16	1	4
ST1-45	3/8-16	1 1/4	4 1/2
ST1-50	3/8-16	1 1/4	5
ST1-60	3/8-16	1 1/2	6
ST2-17	1/2-13	3/4	1 3/4
ST2-20	1/2-13	3/4	2
ST2-22	1/2-13	3/4	2 1/4
ST2-25	1/2-13	3/4	2 1/2
ST2-30	1/2-13	3/4	3
ST2-40	1/2-13	1 1/4	4
ST2-45	1/2-13	1 1/4	4 1/2
ST2-50	1/2-13	1 1/4	5
ST2-60	1/2-13	1 1/2	6
ST2-70	1/2-13	1 3/4	7
ST2-80	1/2-13	1 3/4	8
ST3-25	5/8-11	7/8	2 1/2
ST3-30	5/8-11	1	3
ST3-35	5/8-11	1	3 1/2
ST3-40	5/8-11	1 1/4	4
ST3-50	5/8-11	1 1/4	5
ST3-60	5/8-11	1 1/2	6
ST3-70	5/8-11	2	7
ST3-80	5/8-11	2	8
ST4-40	3/4-10	1 3/4	4
ST4-50	3/4-10	1 3/4	5
ST4-60	3/4-10	1 3/4	6
ST4-70	3/4-10	2	7
ST4-80	3/4-10	2	8

# Studs

## Fully Threaded Stud - Teflon®

Machined from solid stock with a full thread the entire length.

P/N	Thread (A)	Total Length (B)
TFT0-10	1/4-20	1
TFT0-15	1/4-20	1 1/2
TFT0-20	1/4-20	2
TFT0-25	1/4-20	2 1/2
TFT100-10	5/16-18	1
TFT100-15	5/16-18	1 1/2
TFT100-20	5/16-18	2
TFT100-25	5/16-18	2 1/2
TFT100-30	5/16-18	3
TFT1-15	3/8-16	1 1/2
TFT1-20	3/8-16	2
TFT1-25	3/8-16	2 1/2
TFT1-30	3/8-16	3
TFT2-20	1/2-13	2
TFT2-25	1/2-13	2 1/2
TFT2-30	1/2-13	3
TFT2-40	1/2-13	4



## Fully Threaded Stud - Delrin®

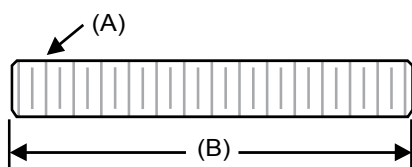
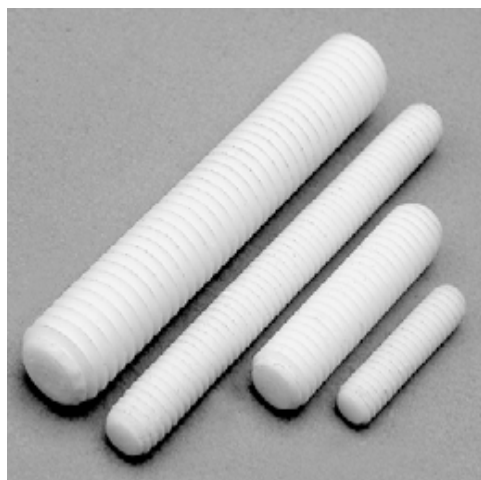
Machined from solid stock with a full thread the entire length.

P/N	Thread (A)	Total Length (B)
DFT0-10	1/4-20	1
DFT0-15	1/4-20	1 1/2
DFT0-20	1/4-20	2
DFT0-25	1/4-20	2 1/2
DFT0-30	1/4-20	3
DFT100-10	5/16-18	1
DFT100-15	5/16-18	1 1/2
DFT100-20	5/16-18	2
DFT100-25	5/16-18	2 1/2
DFT100-30	5/16-18	3
DFT1-15	3/8-16	1 1/2
DFT1-20	3/8-16	2
DFT1-25	3/8-16	2 1/2
DFT1-30	3/8-16	3
DFT2-20	1/2-13	2
DFT2-25	1/2-13	2 1/2

# Studs

## Fully Threaded Stud - PVC

Machined from solid stock with a full thread the entire length.



P/N	Thread (A)	Total Length (B)
PVFT0-10	1/4-20	1
PVFT0-15	1/4-20	1 1/2
PVFT0-20	1/4-20	2
PVFT0-25	1/4-20	2 1/2
PVFT0-30	1/4-20	3
PVFT100-10	5/16-18	1
PVFT100-15	5/16-18	1 1/2
PVFT100-20	5/16-18	2
PVFT100-25	5/16-18	2 1/2
PVFT100-30	5/16-18	3
PVFT1-15	3/8-16	1 1/2
PVFT1-20	3/8-16	2
PVFT1-25	3/8-16	2 1/2
PVFT1-30	3/8-16	3
PVFT2-20	1/2-13	2
PVFT2-25	1/2-13	2 1/2
PVFT2-30	1/2-13	3
PVFT2-40	1/2-13	4

## Fully Threaded Stud - UHMW

Machined from solid stock with a full thread the entire length.

P/N	Thread (A)	Total Length (B)
PFT0-10	1/4-20	1
PFT0-15	1/4-20	1 1/2
PFT0-20	1/4-20	2
PFT0-25	1/4-20	2 1/2
PFT0-30	1/4-20	3
PFT100-10	5/16-18	1
PFT100-15	5/16-18	1 1/2
PFT100-20	5/16-18	2
PFT100-25	5/16-18	2 1/2
PFT100-30	5/16-18	3
PFT1-15	3/8-16	1 1/2
PFT1-20	3/8-16	2
PFT1-25	3/8-16	2 1/2
PFT1-30	3/8-16	3
PFT2-20	1/2-13	2
PFT2-25	1/2-13	2 1/2
PFT2-30	1/2-13	3
PFT2-40	1/2-13	4



## Thread Checkers

<b>The Original Thread Checker</b>	<b>156-158</b>
<b>Wall Mounted Thread Checker</b>	<b>159</b>

The Original

# Thread Checker™

The Thread Checker is an accurate and easy-to-use thread verifier for both nuts and bolts. Conveniently assembled onto a wire loop, it is especially well suited for distinguishing between similar inch and metric threads.

### Specifications:

Each size has a nut and bolt checker on the same gauge

Thread sizes are permanently stamped onto each gauge

Inch gauges are clear zinc plated, metric gauges are black oxide

Wire cable with loop for convenient hanging

The Original

# Thread Checker™

## Combo

**Part Number: SWTC-26**



### Inch Sizes:

6-32, 8-32, 10-24, 10-32, 1/4-20, 1/4-28, 5/16-18, 5/16-24,  
3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20

### Metric Sizes:

M4x0.7, M5x0.8, M6x1.0, M7x1.0, M8x1.0, M8x1.25, M10x1.0,  
M10x1.25, M10x1.5, M12x1.25, M12x1.5, M12x1.75

Inch sizes are in clear zinc, metric in black oxide.

**SWTC-26**



The Original

# Thread Checker™

Inch  
23 Inch Sizes

Inch

Part Number: SWTC-S21

6-32, 6-40, 8-32, 10-24, 10-32, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16,  
3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 9/16-12, 9/16-18, 5/8-11, 5/8-18,  
3/4-10, 3/4-16, 1-8, 1-12

**SWTC-S21**



888-L



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Angic Global Solutions

1-888-872-0690

<https://www.AngicGlobal.com> Sales@AngicGlobal.com

com

The Original

# Thread Checker™

**Metric**

**Part Number: SWTC-M21**

M3x0.5, M4x0.7, M5x0.8, M6x1.0, M7x1.0, M8x1.0, M8x1.25,  
M10x1.0, M10x1.25, M10x1.5, M12x1.25, M12x1.5, M12x1.75,  
M14x1.5, M14x2.0, M16x1.5, M16x2.0, M20x1.5, M20x2.5,  
M24x2.0, M24x3.0

**Metric**  
**21 Metric Sizes**

**SWTC-M21**



888-1



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com

The Wall Mountable

# Thread Checker™

**Part Number: SWTC-WM1**

Thread Checker™ you have all been waiting for is here:  
The Wall Mounted Thread Checker™ by S&W Manufacturing, Inc.  
Check most common size nuts and bolts in one easy-to-display center.

**Features:**

- Bolt thread checker in both standard and metric sizes
- Nut thread checker in both standard and metric sizes
- Bolt length checker in both standard and metric sizes
- Screw size checker in both standard and metric sizes
- Mounted On Heavy-duty 1/2 Inch Sintra® and more.

**Inch Sizes:**

6-32, 8-32, 10-24, 10-32, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20; 9/16-12, 9/16-18

**Metric Sizes:**

M4x0.7, M5x0.8, M6x1.0, M7x1.0, M8x1.0, M8x1.25, M10x1.0, M10x1.25, M10x1.5, M12x1.25, M12x1.5, M12x1.75



**FEATURES**

**PRE DRILLED FOR EASY MOUNTING**

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**STANDARD FEMALE THREAD BOLT CHECKER**

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**METRIC FEMALE THREAD BOLT CHECKER**  
SIZES M4x0.7 TO M12x1.75

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**STANDARD MALE THREAD NUT CHECKER**

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**METRIC MALE THREAD NUT CHECKER**  
SIZES M4 x 0.7 TO M12-1.75

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**SCREW DIAMETER CHECKER**  
SIZES #0 TO #14

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**BOLT LENGTH**  
Inches and centimeters

39"

3"

# General Info

**Delivery:** All items in this catalog are standard stock items and in most cases will ship within 3 to 4 business days.

**Shipment:** Our standard shipment method is UPS Ground, FOB Bensenville, IL. Other shipment methods are available upon written request. We are not responsible for items lost or damaged during shipment. All shortage and shipping claims must be made within 24 hours of receipt.

**Pricing:** Please contact our Sales department for pricing. All quotes are valid for 30 days.

**Blanket Purchase Order Policy:** As a convenience to our customers, S&W accepts blanket purchase orders. Orders can be scheduled for a duration of 12 months or less, starting with the first delivery date. Delivery schedules are to be established at the time of order with deliveries scheduled at least every 30 days. Depending on production schedules, S&W may ship up to two weeks before the scheduled delivery date. At least 2 weeks notice is required for delivery changes, including quantity, ship date and ship via changes. Changes in delivery quantities may not be less than 50% of the originally scheduled delivery. All change requests shall be in writing. No more than 30 days' average usage may be postponed for delivery (based on the original delivery schedule) at any given time. All parts remaining in stock after 12 months will be shipped and billed at the end of the 12th month. No order cancellations on custom parts. Cancellations for standard parts shall be subject to a 5% cancellation charge for the remaining quantity of the order, billed at the time of cancellation. S&W reserves the right to manufacture all parts on a blanket PO at the same time and hold them in stock for scheduled deliveries. Pricing is based on average monthly shipment quantity. All standard payment terms and conditions shall apply.

**Return Policy:** All requests for returns must be made within 30 days of receiving shipment. An RGA must be issued by S&W before goods will be accepted for return. Returned goods are to be shipped freight prepaid in appropriate packaging. The returning party is solely responsible for the as-received condition of the returned goods. Returned parts will be inspected and must be in saleable condition before credit is issued. A 20% restocking fee applies to all returns unless otherwise specified by S&W. Custom parts are not returnable.

**Minimum Order:** \$50 on all shipments.

**Payment Terms:** Upon approved credit, terms are 1% 10 Net 30. COD terms will apply until credit terms are established.

**Business Hours:** 8:00AM - 4:30PM Central Time. Closed on holidays

## Contacting S&W:

S&W Manufacturing Company, Inc.  
 216 S. Evergreen St. - Corporate office/Warehouse  
 375-377 S. Evergreen St. - Manufacturing Facility  
 400-402 S. Evergreen St. - Manufacturing Facility  
 Bensenville, IL 60106  
 Toll free phone: (888) LEVEL-IT (538-3548)  
 Toll free fax: (866) 595-5275  
 General office: (630) 595-5044  
 General fax: (630) 595-5275

## Technical Information

### Materials

Steel: CRS 1018, 1045, 1117, 12L14, 1215, 4140  
 Stainless steel: 303 ASTM A-582, 304 ASTM A-479  
 Aluminum: 6061-T6, 2011-T3 ASTM B211  
 Brass: 360

### Finishes

Zinc plating: ASTM-B633 (QQ-Z-325) Type I (clear) and Type II (yellow)  
 Black Oxide: MIL-C-13924C  
 Nickel plating: QQ-N-290A

### Warranty

S&W products are warranted only against defects in workmanship or materials, under normal and intended use, for 1 year after the date of purchase. This warranty applies only to the original purchaser or to purchasers for resale for use on original equipment. S&W has no control over the end use of its products so product performance cannot be guaranteed. Liability is limited to replacement of the product. S&W reserves the right to change specifications, materials or the design of its products without prior notice.

### Trademarks

Unless otherwise indicated, all trademarks are the property of the WilliMount Corporation; Delrin® and Teflon® are registered trademarks of the DuPont Corporation.

## Fraction/Inch/Metric Conversion Table

Fraction		Inch	mm	mm	I	Fraction	
	<b>1/64</b>	.015625	.3969	13.0969	.515625	<b>33/64</b>	
<b>1/32</b>	-	.03125	.7937	13.4937	.53125	-	<b>17/32</b>
		.0394	1.0	13.8906	.546875	<b>35/64</b>	
	<b>3/64</b>	.046875	1.1906	14.0	.5512		
<b>1/16</b>	-	.0625	1.5875	14.287	.5625	-	<b>9/16</b>
	<b>5/64</b>	.078125	1.9844	14.6844	.578125	<b>37/64</b>	
		.0787	2.0	15.0	.5906		
<b>3/32</b>	-	.09375	2.3812	15.0812	.59375	-	<b>19/32</b>
	<b>7/64</b>	.109375	2.7781	15.4781	.609375	<b>39/64</b>	
		.1181	3.0	15.8750	.625	-	<b>5/8</b>
<b>1/8</b>	-	.125	3.1750	16.0	.6299		
	<b>9/64</b>	.140625	3.5719	16.2719	.640625	<b>41/64</b>	
<b>5/32</b>	-	.15625	3.9687	16.6687	.65625	-	<b>21/32</b>
		.1575	4.0	17.0	.6693		
	<b>11/64</b>	.171875	4.3656	17.0656	.671875	<b>43/64</b>	
<b>3/16</b>	-	.1875	4.7625	17.4625	.6875	-	<b>11/16</b>
		.1969	5.0	17.8594	.703125	<b>45/64</b>	
	<b>13/64</b>	.203125	5.1594	18.0	.7087		
<b>7/32</b>	-	.21875	5.5562	18.2562	.71875	-	<b>23/32</b>
	<b>15/64</b>	.234375	5.9531	18.6531	.734375	<b>47/64</b>	
		.2362	6.0	19.0	.7480		
<b>1/4</b>	-	.25	6.3500	19.0500	.75	-	<b>3/4</b>
	<b>17/64</b>	.265625	6.7469	19.4469	.765625	<b>49/64</b>	
		.2756	7.0	19.8437	.78125	-	<b>25/32</b>
<b>9/32</b>	-	.28125	7.1437	20.0	.7874		
	<b>19/64</b>	.296875	7.5406	20.2406	.796875	<b>51/64</b>	
<b>5/16</b>	-	.3125	7.9375	20.6375	.8125	-	<b>13/16</b>
		.3150	8.0	21.0	.8268		
	<b>21/64</b>	.328125	8.3344	21.0344	.828125	<b>53/64</b>	
<b>11/32</b>	-	.34375	8.7312	21.4312	.84375	-	<b>27/32</b>
		.3543	9.0	21.8281	.859375	<b>55/64</b>	
	<b>23/64</b>	.359375	9.1281	22.0	.8661		
<b>3/8</b>	-	.375	9.5250	22.2250	.875	-	<b>7/8</b>
	<b>25/64</b>	.390625	9.9219	22.6219	.890625	<b>57/64</b>	
		.3937	10.0	23.0	.9055		
<b>13/32</b>	-	.40625	10.3187	23.0187	.90625	-	<b>29/32</b>
	<b>27/64</b>	.421875	10.7156	23.4156	.921875	<b>59/64</b>	
		.4331	11.0	23.8125	.9375	-	<b>15/16</b>
<b>7/16</b>	-	.4375	11.1125	24.0	.9449		
	<b>29/64</b>	.453125	11.5094	24.2094	.953125	<b>61/64</b>	
<b>15/32</b>	-	.46875	11.9062	24.6062	.96875	-	<b>31/32</b>
		.4724	12.0	25.0	.9843		
	<b>31/64</b>	.484375	12.3031	25.0031	.984375	<b>63/64</b>	
<b>1/2</b>	-	.5	12.7000	25.4000	1.000	-	<b>1</b>
		.5118	13.0		26.0	<b>1.0236</b>	



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