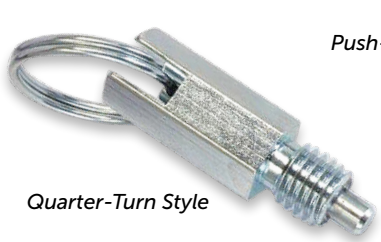
New!

Auto-Lock Safety Pull Pin

U.S. Patent No. 8,821,061

Standard Style

PATENTED · Our Exclusive Innovation · PRECISION MADE in the U.S.A. · MADE TO ORDER



Quarter-Turn Style

Push-Button Style

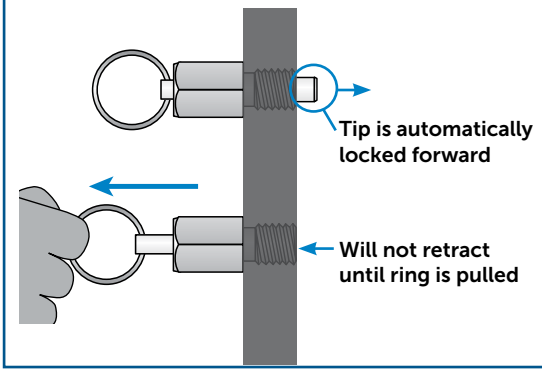
Our NEW Auto-Lock Safety Pull Pin features a retractable tip that locks into an extended (forward) position automatically. Conventional spring-loaded pull pins do not lock forward, allowing unintended retraction and disengagement due to vibration, movement and irregular mating holes. Our new forward-locked design means that the tip remains in an extended, locked position until manually disengaged by pulling the ring.

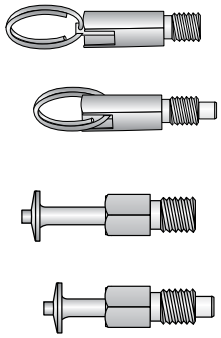
Standard material is low carbon steel body with hardened Grade 8 tip, zinc plated.

AUTO-LOCK SAFETY PULL PIN ADVANTAGES

- Retractable tip locks into an extended (forward) position automatically
- Will not disengage until ring is pulled

Auto-Lock Safety Pull Pin Demo

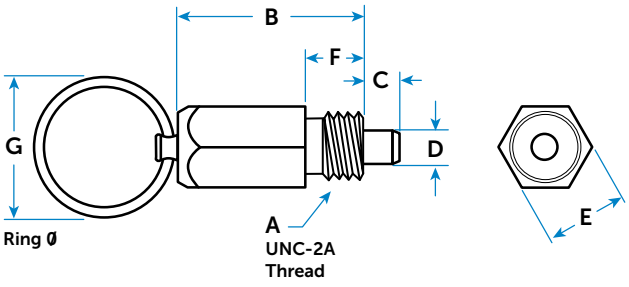




Quarter-Turn style locks in both forward and retracted position

Push-Button style also locks in retracted position

Available with multiple locking positions

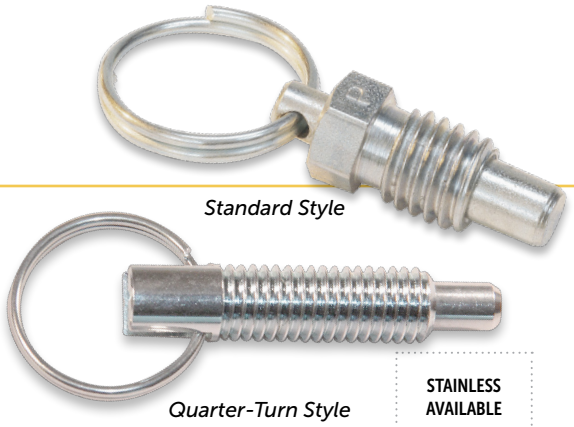


Watch the demonstration video at www.pivotpins.com/video-gallery.html

Auto-Lock Safety Pull Pin - Zinc Plated

STOCK CODE	Thread A	B	C	D	E	F	G	Nominal Pin Diameter A	Approximate Weight/Pounds per 100 Pieces
ALP-500	1/2-13	1.397	.280	.250	.625	.440	1	1/2	9.21

Unless otherwise noted, all dimensions are for reference only.



Standard Style

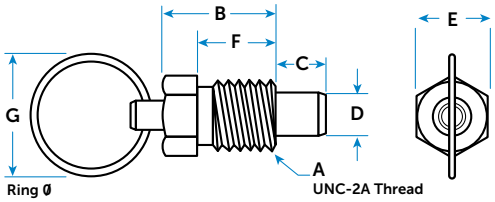
Quarter-Turn Style

STAINLESS AVAILABLE

Pull Pins

Body is threaded into application, with ring on outside surface. Pull ring to retract spring-loaded tip and allow adjustments. Release ring to lock tip into desired hole location. Chamfered tip allows for easy alignment. Ideal for adjustable tubing, tooling, latches, fixtures, gates and much more. Quarter-Turn style locks back in retracted position.

Stock sizes are low carbon steel, zinc plated. Special sizes and materials are available.



Pull Pin Specs - Standard Style

Nominal Thread Diameter	Approximate Pull Force, lbs.		A	B	C	D	E	F	G
	Initial	Final							
1/4	.50	2.00	1/4-20	.44	.19	.16	.25	.31	.875
3/8	.75	3.00	3/8-16	.63	.28	.25	.38	.44	.875
1/2	1.00	4.00	1/2-13	.81	.38	.31	.50	.56	1.00
5/8	1.25	5.00	5/8-11	1.00	.44	.38	.62	.69	1.00

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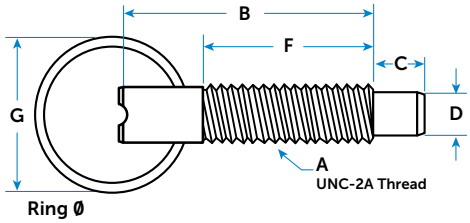
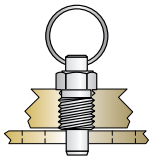


Pull Pin Specs - Quarter-Turn Style

Nominal Thread Diameter	Approximate Pull Force, lbs.		A	B	C	D	F	G
	Initial	Final						
1/4	1.00	3.00	1/4-20	1.14	.27	.15	.80	.875
3/8	2.00	4.50	3/8-16	1.68	.39	.23	1.20	1.00
1/2	2.50	5.50	1/2-13	2.00	.52	.31	1.40	1.25

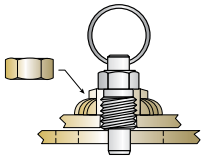
Unless otherwise noted, all dimensions are for reference only.

Pull Pin Demo



Install Pull Pin into pre-tapped hole in material.

Pull ring to retract tip and allow for adjustments. Release ring, and plunger locks into desired hole position.



For lighter gauge materials, a nut may be welded to outside of material. The Pull Pin then threads into the nut.

Pull Pins - Zinc Plated

STOCK CODE Standard Style	STOCK CODE Quarter-Turn Style	Nominal Thread Diameter	Standard Style Approximate Weight/Pounds per 100 Pieces	Quarter-Turn Style Approximate Weight/Pounds per 100 Pieces
PULL-250X*	PULLQT-250X	1/4	.98	1.56
PULL-375X	PULLQT-375X	3/8	2.00	4.24
PULL-500X	PULLQT-500X	1/2	4.50	8.92
PULL-625X		5/8	8.50	

** PULL-250X plunger is not hardened.*

CHOOSE A PULL PIN MADE TO YOUR EXACT SPECIFICATIONS!

- Special Size
- Different Material/Finish
- Special Pull Force
- Knob Style
- More!