







Limit Switches







Operating Levers

For use with 802T, 802M, 802MC, 802X, 802XR

Roller Levers

Type	Roller			Cat. No.
	Material	Dia.	Width	
 Non-Adj. Cast Lever 0.75" Radius	Metal	0.75"	0.27"	802T-W9A
 Non-Adj. Cast Lever 1.5" Radius Roller on Front	Nylon	0.75"	0.28"	802T-W1
	Nylon	0.75"	1"	802T-W1H
	Dual Nylon	0.75"	1" each	802T-W1HH
	Steel	0.75"	0.25"	802T-W1A
	Steel	0.75"	0.75"	802T-W1N
	Ball Bearing	0.75"	0.23"	802T-W1B
	Beryllium Copper (Nonsparking)	0.75"	0.28"	802T-W1J
 Non-Adj. Cast Lever 1.5" Radius Roller on Rear	Nylon	0.75"	0.28"	802T-W1E
	Nylon	0.75"	1"	802T-W1D
	Nylon	1.5"	0.28"	802T-W1G
	Steel	0.75"	0.25"	802T-W1F
	Steel	0.75"	0.75"	802T-W1C
	Nylon	0.75"	0.75"	802T-W1M
 Non-Adj. Steel Lever 2.0" Radius Roller on Front	Nylon	0.75"	0.28"	802T-W20
	Nylon	0.75"	1"	802T-W20D
	Steel	0.75"	0.25"	802T-W20A
	Steel	0.75"	0.75"	802T-W20B
	Ball Bearing	0.75"	0.23"	802T-W20C
	Beryllium Copper	0.75"	0.28"	802T-W20E
 Non-Adj. Steel Lever 2.0" Radius Roller on Rear	Nylon	0.75"	0.28"	802T-W20J
	Nylon	0.75"	1"	802T-W20K
	Steel	0.75"	0.25"	802T-W20L
	Steel	0.75"	0.75"	802T-W20M
	Ball Bearing	0.75"	0.23"	802T-W20N
	Beryllium Copper	0.75"	0.28"	802T-W20P
 Non-Adj. Steel Lever 2 1/8" Radius Roller on Front	Nylon	0.75"	0.75"	802T-W18
	Nylon	0.75"	1"	802T-W18A





Approximate Dimensions—See page 5-133.

Type	Roller			Cat. No.
	Material	Dia.	Width	
 Non-Adj. Steel Lever 2.5" Radius Roller on Front	Nylon	0.75"	0.28"	802T-W25
	Nylon	0.75"	1"	802T-W25D
	Steel	0.75"	0.25"	802T-W25A
	Steel	0.75"	0.75"	802T-W25B
	Ball Bearing	0.75"	0.23"	802T-W25C
 Non-Adj. Steel Lever 2.5" Radius Roller on Rear	Beryllium Copper	0.75"	0.28"	802T-W25E
	Nylon	0.75"	0.28"	802T-W25J
	Nylon	0.75"	1"	802T-W25K
	Steel	0.75"	0.25"	802T-W25L
	Steel	0.75"	0.75"	802T-W25M
	Ball Bearing	0.75"	0.23"	802T-W25N
 Non-Adj. Steel Lever 3.0" Radius Roller on Front	Beryllium Copper	0.75"	0.28"	802T-W25P
	Nylon	0.75"	0.28"	802T-W30
 Non-Adj. Steel Lever 3.0" Radius Roller on Rear	Nylon	0.75"	1"	802T-W30D
	Steel	0.75"	0.25"	802T-W30A
	Steel	0.75"	0.75"	802T-W30B
	Ball Bearing	0.75"	0.23"	802T-W30C
	Beryllium Copper	0.75"	0.28"	802T-W30E
 Non-Adj. Steel Lever 3.0" Radius Roller on Front	Nylon	0.75"	0.28"	802T-W30J
	Nylon	0.75"	1"	802T-W30K
	Steel	0.75"	0.25"	802T-W30L
	Steel	0.75"	0.75"	802T-W30M
	Ball Bearing	0.75"	0.23"	802T-W30N
	Beryllium Copper	0.75"	0.28"	802T-W30P
 Adjustable Lever 1.19" to 3" Radius	Nylon	0.75"	0.28"	802T-W2
	Nylon	0.75"	1"	802T-W2D
	Nylon	1.5"	0.28"	802T-W2A
	Steel	0.75"	0.25"	802T-W2B
	Ball Bearing	0.75"	0.23"	802T-W2C
	Steel	1.4"	0.27"	802T-W2E
	Rubber	1.5"	0.5"	802T-W2R
	Beryllium Copper	0.75"	0.28"	802T-NX94
	Nylon	0.75"	0.28"	802T-W17
Metal	0.75"	0.28"	802T-W17B	
Nylon	1.5"	0.28"	802T-W17A	

Operating Levers

For use with 802T, 802M, 802MC, 802X, 802XR





Roller Levers (continued)

Type	Roller			Cat. No.
	Material	Dia.	Width	
 Fork Lever 1.5" Radius	Nylon; L.H. Roller on Front; R.H. Roller on Back	0.75"	0.28"	802T-W4
	Steel; L.H. Roller on Front; R.H. Roller on Back	0.75"	0.25"	802T-W4B
	Nylon; Both Rollers on Front	0.75"	0.28"	802T-W4A
	Nylon; Both Rollers on Rear	0.75"	0.28"	802T-NX115
	Nylon; Both Rollers on Front	0.75"	1"	802T-W4F
	Steel; Both Rollers on Front	0.75"	0.25"	802T-W4C
	Nylon; L.H. Roller on Back; R.H. Roller on Front	0.75"	0.28"	802T-W4D
 Micrometer Adjustment Lever 1.5" Radius	Nylon R.H. Adj.	0.75"	0.28"	802T-W6
	Steel R.H. Adj.	0.75"	0.25"	802T-W6A
	Ball Bearing R.H. Adj.	0.75"	0.23"	802T-W6B
	Nylon L.H. Adj.	0.75"	0.28"	802T-W6C
	Steel L.H. Adj.	0.75"	0.25"	802T-W6D
	Ball Bearing L.H. Adj.	0.75"	0.23"	802T-W6E
 Non-Adj. One-Way Lever 1.5" Radius	Nylon	0.75"	0.28"	802T-W7①
	Steel	0.75"	0.25"	802T-W7A②
	Ball Bearing	0.75"	0.23"	802T-W7B③
 Non-Adj. Offset Lever 1.44" Radius Roller on Front	Nylon	0.75"	0.28"	802T-W12④
	Steel	0.75"	0.25"	802T-W12A④
	Bearing Roller	0.75"	0.23"	802T-W12B
 Non-Adj. Offset Lever 1.44" Radius Roller on Rear	Nylon	0.75"	0.28"	802T-W12E
	Steel	0.75"	0.25"	802T-W12F

Approximate Dimensions—See page 5-133.

- ① Do not use on maintained contact limit switches.
- ② When mounted on Plug-In devices, the offset lever provides equivalent cam tracking to the NonPlug-In devices using catalog number 802T-W1 levers.
- ③ TUFGRAM is a synergistic coating which combines the advantages of anodizing with a controlled infusion of PTFE for added corrosion resistance.
- ④ The micrometer adjustment roller lever is designed especially for installations where the position of the roller is a critical factor. This lever has a pivoted roller which can be turned laterally. After clamping the lever to the switch shaft, the position of the roller can be precisely adjusted through an arc of 7.5° on either side of the center or straight-line position.

Roller Levers—Corrosion-Resistant









Type	Material	Roller		Cat. No.
		Dia.	Width	
 1.5" Radius Roller on Front	Type 316 stainless steel roller, roller pin and clamp pin One-piece cast aluminum arm is protected with TUFGRAM®③	0.75"	0.25"	802MC-W1A
 1.5" Radius Roller on Rear	Nylon Roller One-piece cast aluminum arm is protected with TUFGRAM®③	1.5"	0.28"	802MC-W1G
 Non-Adj. Offset Lever 1.44" Radius Roller on Front	Nylon Roller One-piece cast aluminum arm is protected with TUFGRAM®③	0.75"	0.28"	802MC-W12
 Adjustable 1.19"-3" Radius	Type 316 stainless steel roller, roller pin, clamp pin and adjustable lever arm Block is cast aluminum protected with TUFGRAM®③	0.75"	0.25"	802MC-W2B

Limit Switches





Operating Levers

For use with 802T, 802M, 802MC, 802X, 802XR

Rod Levers

Type	Material	Dia.	Cat. No.
	Stainless Steel Rod 5" Long	0.13"	802T-W3 ②
	Stainless Steel Rod 8.5" Long	0.13"	802T-W3B ②
	Stainless Steel Rod 12" Long	0.13"	802T-NX50
	Stainless Steel Rod 11.5" Long	0.13"	802T-W3A
	Stainless Steel Rod 14" Long	0.08"	802T-W3F ②
	Stainless Steel Rod 11.5" Long	0.13"	802T-NX159
	Nylon Rod 12" Long	0.25"	802T-W3C 802T-NX142 ⑥
	Stainless Steel Rod 5" Long	0.06"	802T-W5 ②
	Stainless Steel Rod 5" Long One-Way	0.06"	802T-W8 ②
	Nylatron Looped Rod 6" Long 2" Wide Loop	0.18"	802T-W14
	Nylatron Looped Rod 9" Long 2" Wide Loop	0.18"	802T-NX119
	Steel Rod 9" Long	0.25"	802T-W16
	Nylon Rod 9" Long	0.25"	802T-W16A

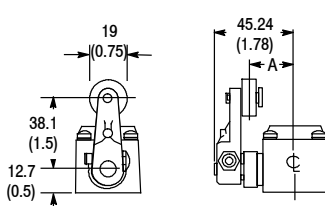
Rod Levers—Corrosion-Resistant

Type	Material	Dia.	Cat. No.
	Type 316 stainless steel rod 5" long Block is cast aluminum protected with TUFRAM® ④	0.13"	802MC-W3
	Type 316 stainless steel rod 11.5" long Block is cast aluminum protected with TUFRAM® ④	0.08"	802MC-W3A
	Nylon Rod 12" long Block is cast aluminum protected with TUFRAM® ④	0.25"	802MC-W3C
	Nylon Rod Only	0.25"	WF25507

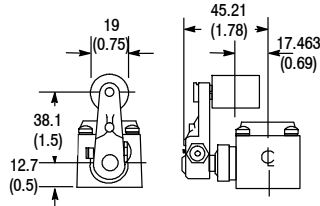
Approximate Dimensions—See page 5-133.

- ① Do not use on maintained contact limit switches.
- ② Recommended for use with low operating torque switches.
- ③ Not for use with 802M-NPY5 or 802M-ASY5 type switches.
- ④ TUFRAM® is a synergistic coating which combines the advantages of anodizing with a controlled infusion of PTFE for added corrosion resistance.
- ⑥ Recommended for high impact applications.

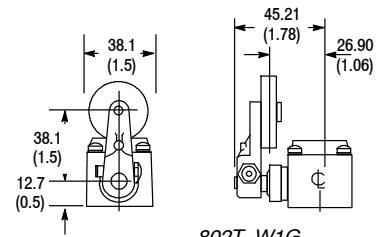
Approximate Dimensions [mm (in.)]



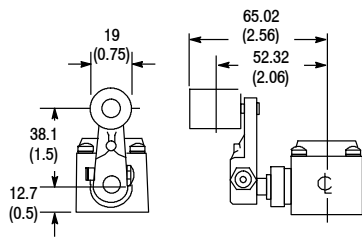
802T-W1C (Dim. A = 0.81");
802T-W1E and 802T-W1F (Dim. A = 1.03")
Shipping Wt. 57g (2oz). (W1C), 1 oz. (W1E),
43g (1.5oz) (W1F)



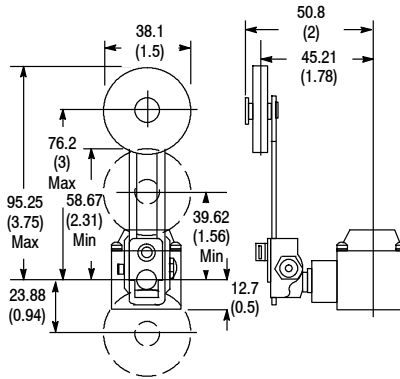
802T-W1D
Shipping Wt. 43g (1.5oz)



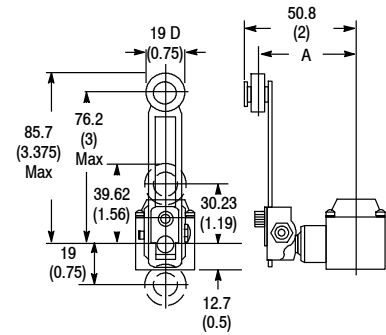
802T-W1G
Shipping Wt. 28g (1oz)



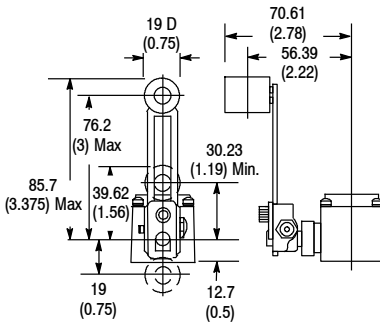
802T-W1H
Shipping Wt. 43g (1.5o)



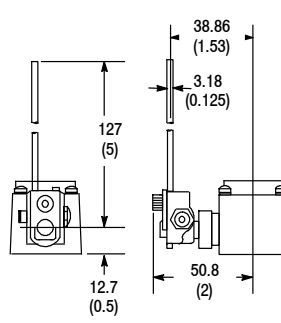
802T-W2A
Shipping Wt. 57g (2oz)



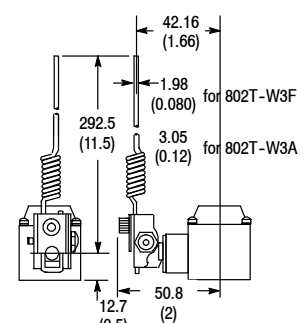
802T-W2 & 802T-W2B (Dim. A = 1.78");
802T-W2C (Dim. A = 1.81")
Shipping Wt. 57g (2oz)



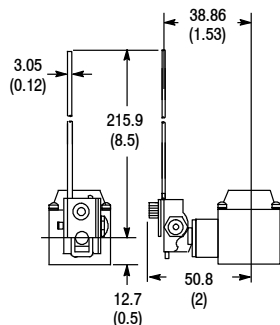
802T-W2D
Shipping Wt. 57g (2oz)



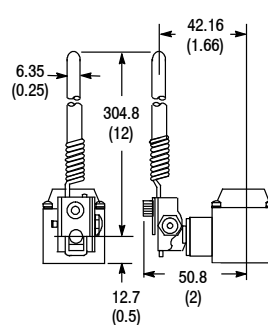
802T-W3
Shipping Wt. 43g (1.5oz)



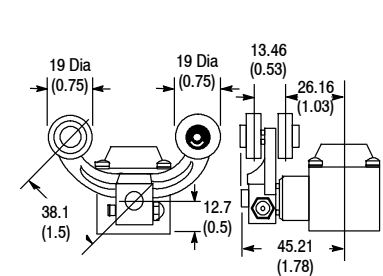
802T-W3A and 802T-W3F
Shipping Wt. 57g (2oz)



802T-W3B and 802T-W3F
Shipping Wt. 43g (1.5oz)



802T-W3C
Shipping Wt. 57g (2oz)

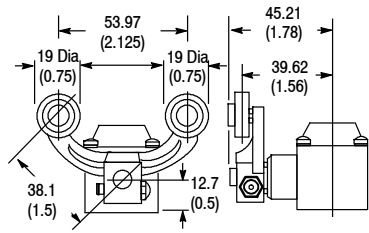


802T-W4 and 802T-W4D
Shipping Wt. 43g (1.5oz) 802T-W4B
Shipping Wt. 57g (2oz)

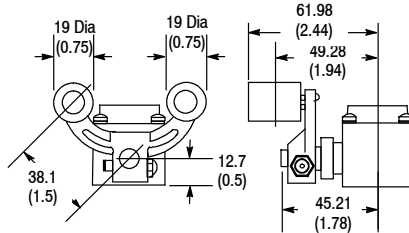
Limit Switches

Operating Levers

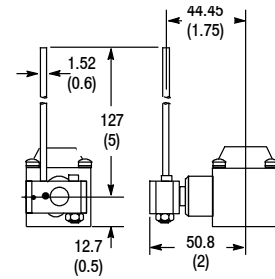
Approximate Dimensions [mm (in.)] (continued)



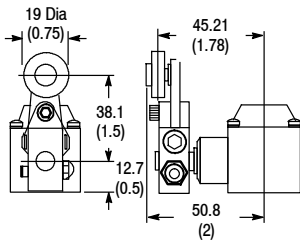
802T-W4A and 802T-W4C
Shipping Wt. 57g (2oz)



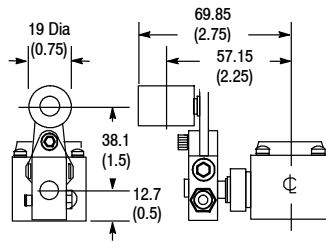
802T-W4F
Shipping Wt. 57g (2oz)



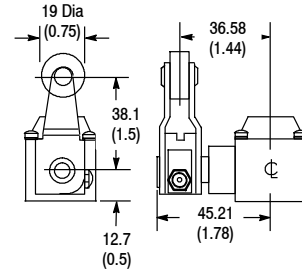
802T-W5
Shipping Wt. 28g (1oz)



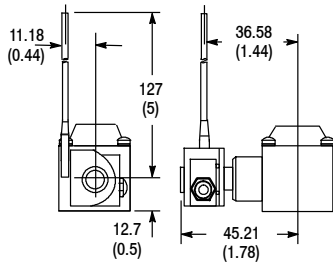
802T-W6, 802T-W6A,
802T-W6B, 802T-W6E
Shipping Wt. 57g (2oz)



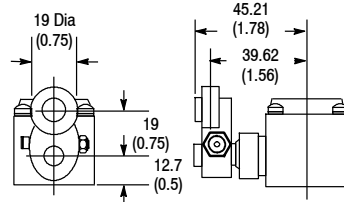
802T-W6F
Shipping Wt. 57g (2oz)



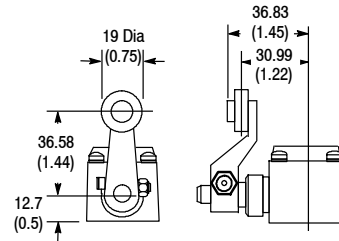
802T-W7, 802T-W7A
and 802T-W7B
Shipping Wt. 57g (2oz)



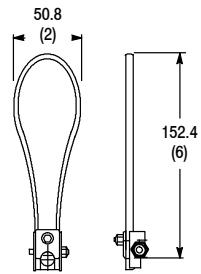
802T-W8
Shipping Wt. 43g (1.5oz)



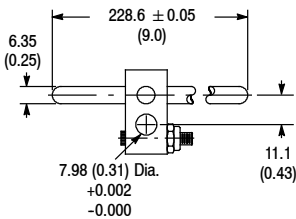
802T-W9
Shipping Wt. 28g (1oz)



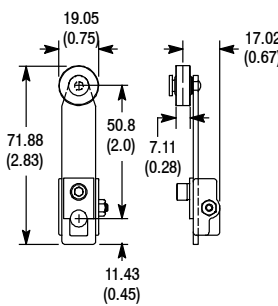
802T-W12 Shipping Wt. 1 oz. and
802T-W12A 802T-W6B, 802T-W6E
Shipping Wt. 43g (1.5oz)



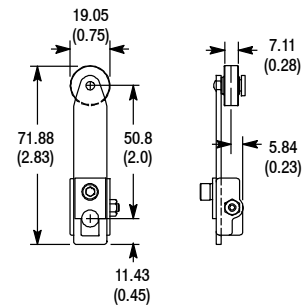
802T-W14
Shipping Wt. 43g (1.5oz)



802T-W16
802T-W16A



802T-W20
Shipping Wt. 57g (2oz)



802T-W20J
Shipping Wt. 57g (2oz)

Replacement Parts
Replacement Actuators for Bul. 440P Limit Switches
Levers

	Description	Cat. No.
	Short lever with nylon roller for 440P-ASL* or -AWL* See page 5-115.	440P-WA1
	Short lever with metal roller for 440P-ASL* or -AWL* See page 5-115.	440P-WA1A
	Short lever with wide roller for 440P-ASL* or -AWL* See page 5-115.	440P-WA1B
	Short lever with nylon roller for 440P-CSL* or -CHM* See page 5-118.	440P-WC1
	Short lever with metal roller for 440P-CSL* or -CHM* See page 5-118.	440P-WC1A
	Short lever with nylon roller for 440P-MSL* or -MMH* See page 5-123 & 5-124.	440P-WM1
	Short lever with metal roller for 440P-MSL* or -MMH* See page 5-123 & 5-124.	440P-WM1A
	Adjustable lever arm with nylon roller for 440P-AAL* or -AA1L* See page 5-115.	440P-WA2A
	Adjustable lever arm with steel roller for 440P-AAL* or -AA1L* See page 5-115.	440P-WA2B
	Adjustable lever with nylon roller for 440P-CAL*, -CRR*, -MRR* See page 5-119 & 5-124.	440P-WC2
	Adjustable lever with metal roller for 440P-CAL* or -CRR* See page 5-119.	440P-WC2B
	Adjustable lever with large rubber roller for 440P-CAL*, -CRR*, -MRR* See page 5-119 & 5-124.	440P-WC2A
	Adjustable lever with nylon roller for 440P-MAL* or -MRR* See page 5-124.	440P-WM2
	Adjustable lever with metal roller for 440P-MAL* or -MRR* See page 5-124.	440P-WM2A

Note: The actuator is included with the purchase of every Bul. 440P limit switch.

Rods

	Description	Cat. No.
	Adjustable metal rod for 440P-MAR* See page 5-124.	440P-WM3
	Metal spring rod for 440P-MSR* See page 5-125.	440P-WM4

Note: The actuator is included with the purchase of every Bul. 440P limit switch.

Telescopic Arm

	Description	Cat. No.
	Telescopic arm for 440P-MTA* See page 5-125.	440P-WM5

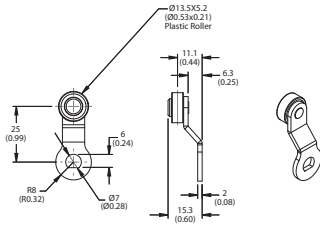
Note: The actuator is included with the purchase of every Bul. 440P limit switch.

Limit Switches

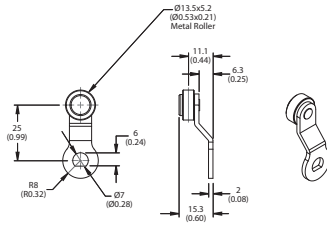
Operating Levers

Dimensions are not intended to be used for installation purposes.

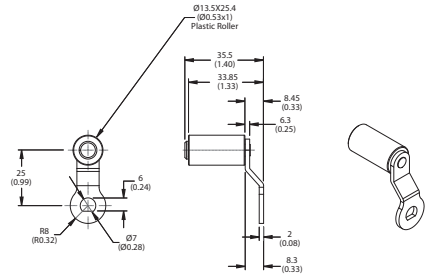
Levers



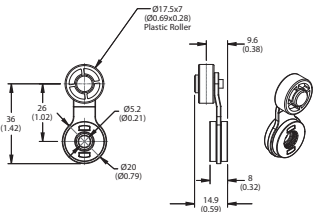
Cat. No. 440P-ASL_ or AWL_
Short Lever (Plastic Roller)



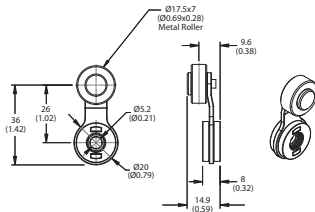
Cat. No. 440P-ASL_ or AWL_
Short Lever (Metal Roller)



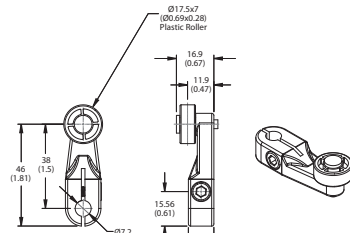
Cat. No. 440P-ASL_ or AWL_
Short Lever (Wide Roller)



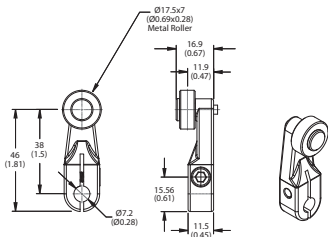
Cat. No. 440P-CSL_ or CHM_
Short Lever (Plastic Roller)



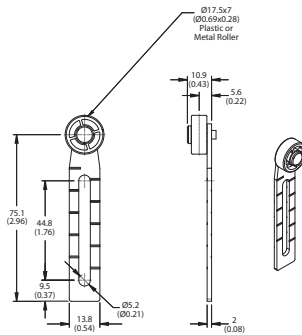
Cat. No. 440P-CSL_ or CHM_
Short Lever (Metal Roller)



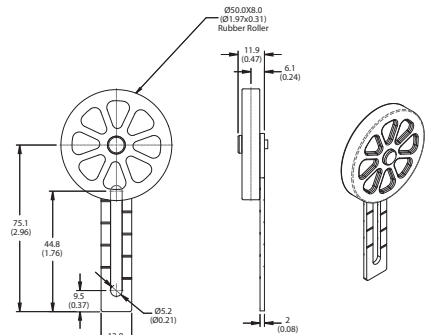
Cat. No. 440P-MSL_ or MMH_
Short Lever (Plastic Roller)



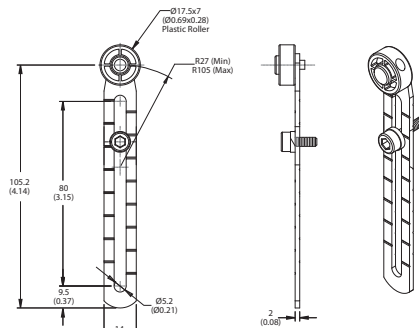
Cat. No. 440P-MSL_ or MMH_
Short Lever (Metal Roller)



Cat. No. 440P-CAL_, -CRR_, -MAL_, and -MRR_
Adjustable Lever (Plastic & Metal Roller)

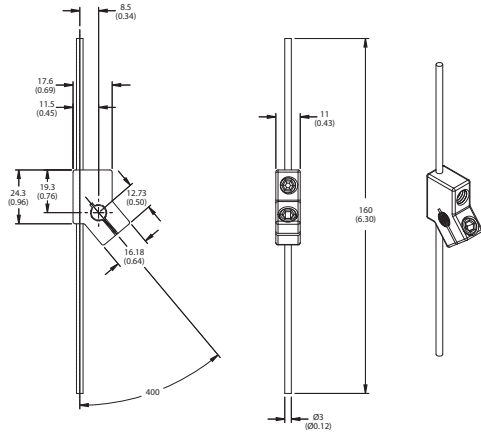


Cat. No. 440P-CAL_, -CRR_, and -MRR_
Adjustable Lever (Large Rubber Roller)

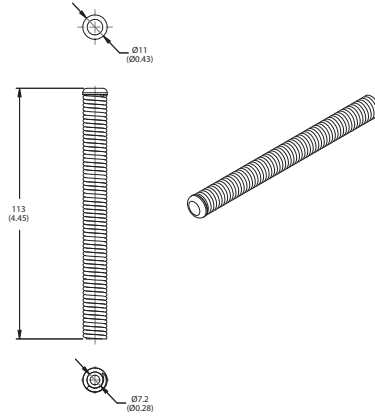


Cat. No. 440P-AAL_ or AA1L_
Adjustable Lever Arm (Plastic & Metal Roller)

Rods

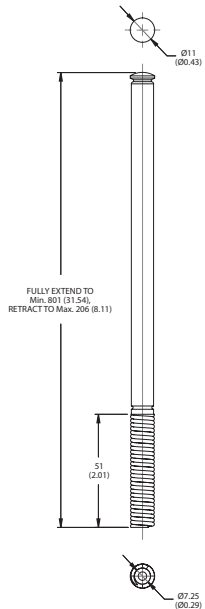


Cat. No. 440P-MAR
Adjustable Metal Rod



Cat. No. 440P-MSR
Metal Spring Rod

Telescopic Arms



Cat. No. 440P-MTA
Telescopic Arm