



ORSCHN®



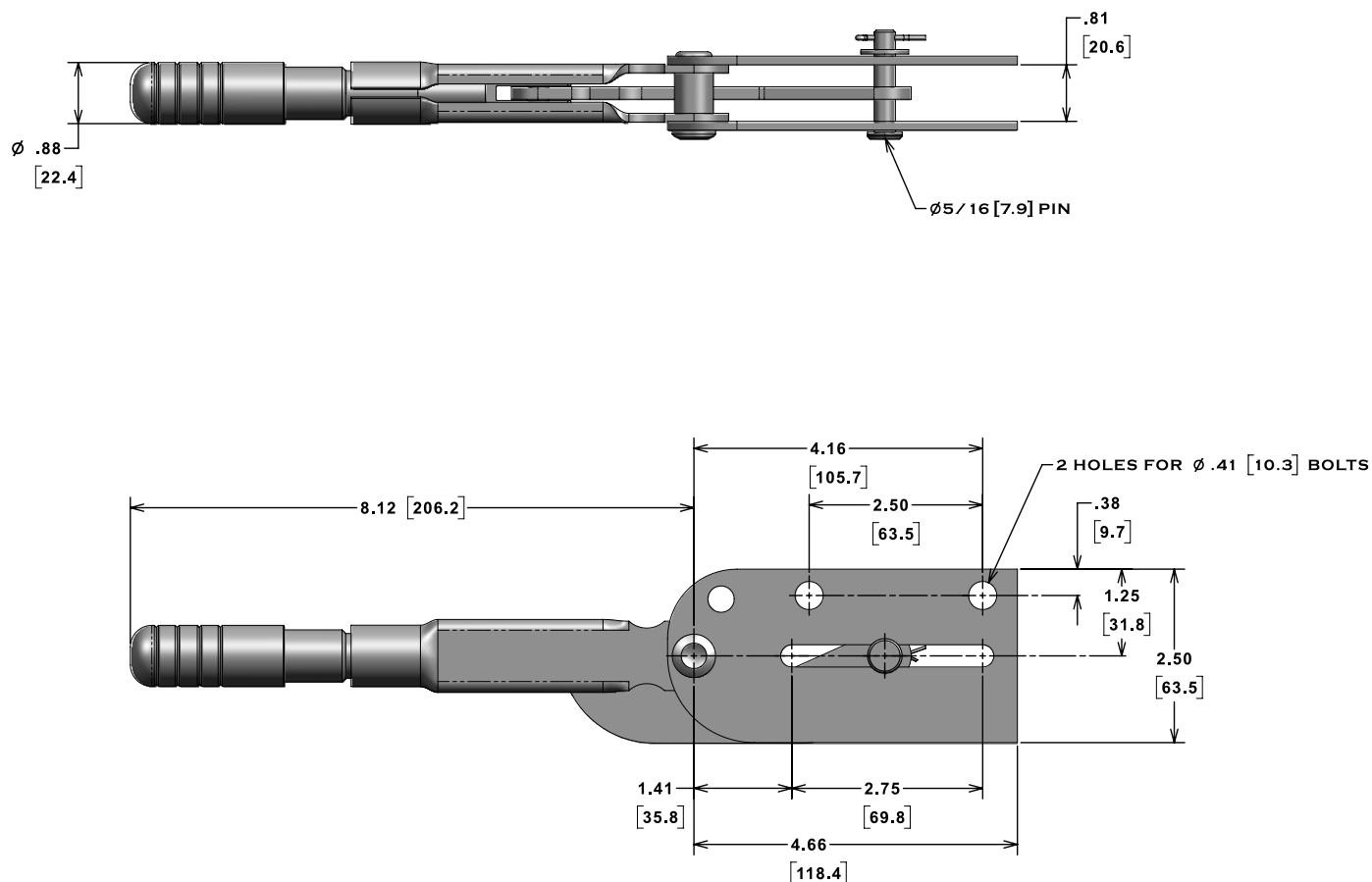
Park Brake

System Catalog

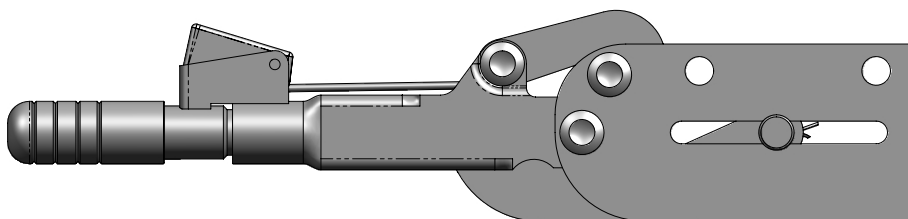
INSPIRING SOLUTIONS

STANDARD LEVER

ORSCHELN LEVER 02324500



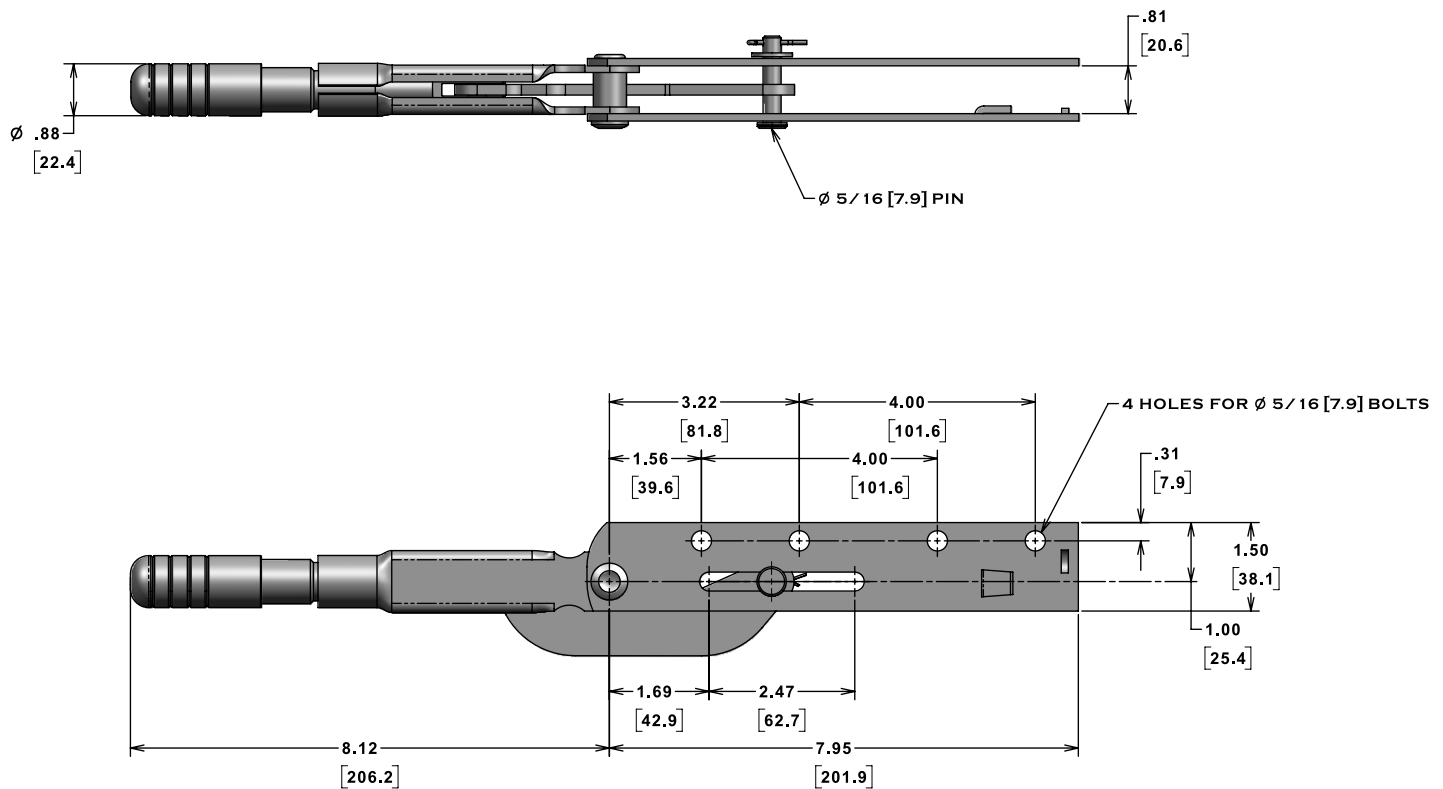
ORSCHELN LEVER 02336500



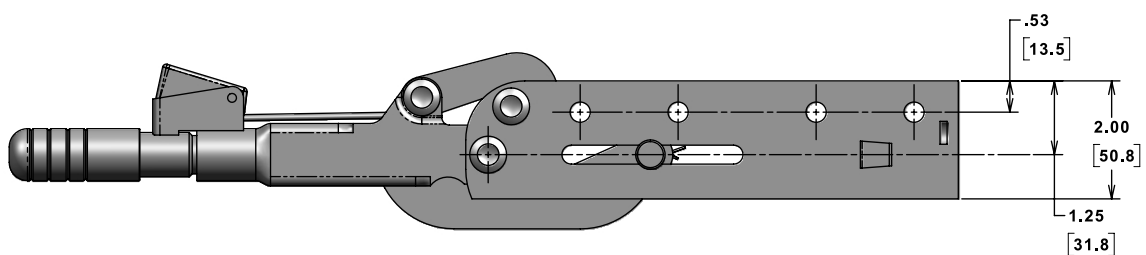
Parking Brake Systems Are Available Through A Network Of Local Orscheln® F.A.S.T.® Cable Assemblers

STANDARD LEVER

ORSCHELN LEVER 02324100

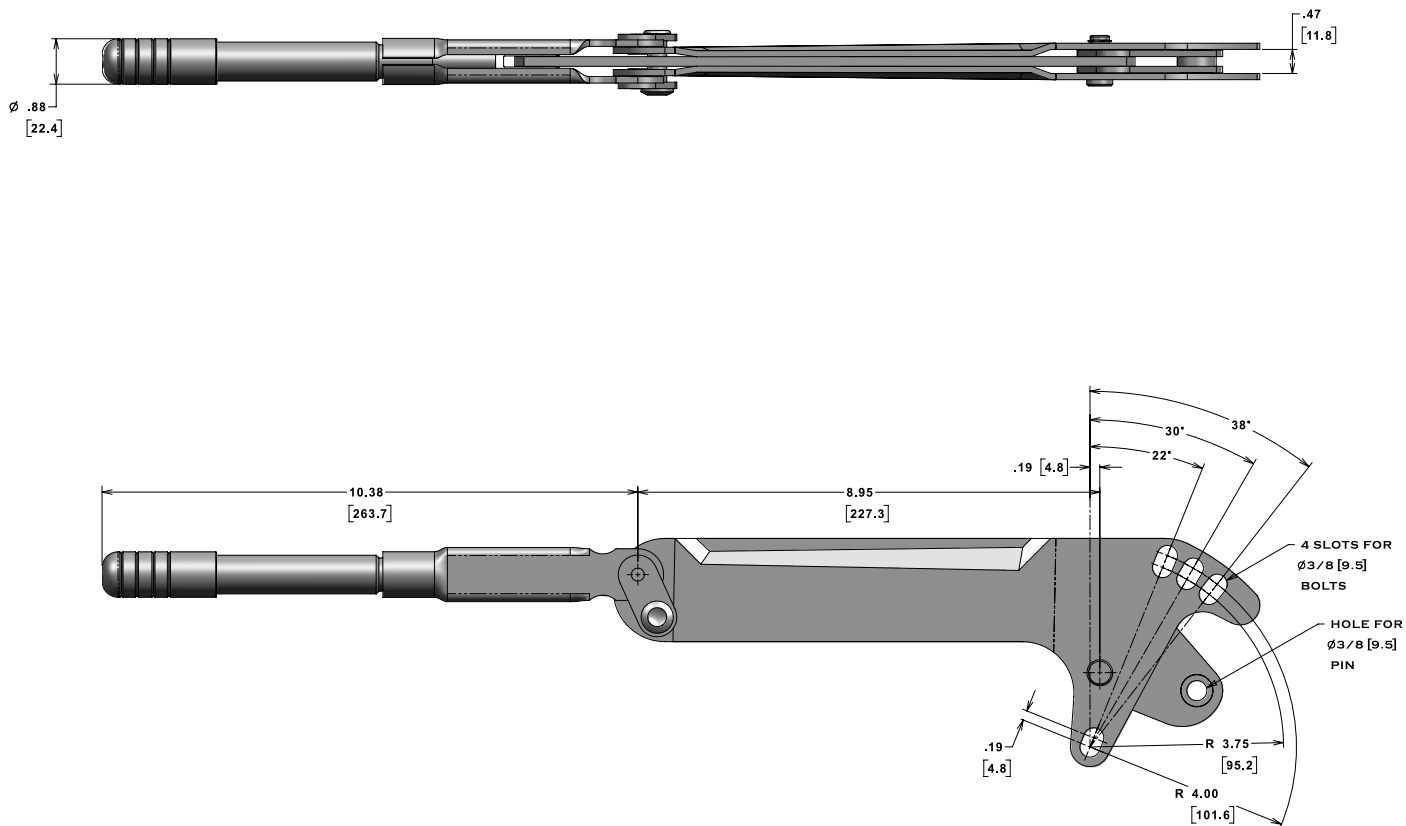


ORSCHELN LEVER 02336100

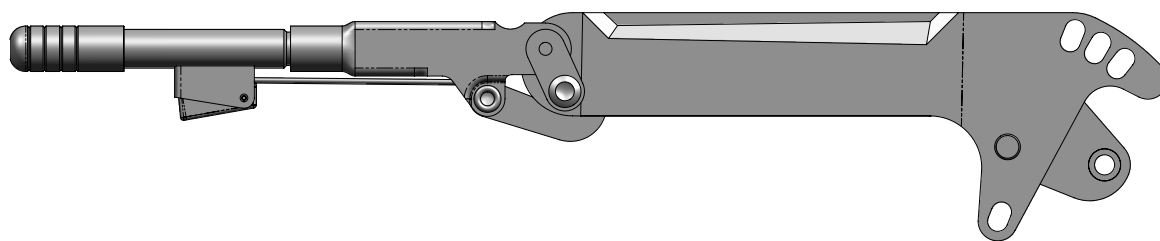


STANDARD LEVER

ORSCHELN LEVER 02182900



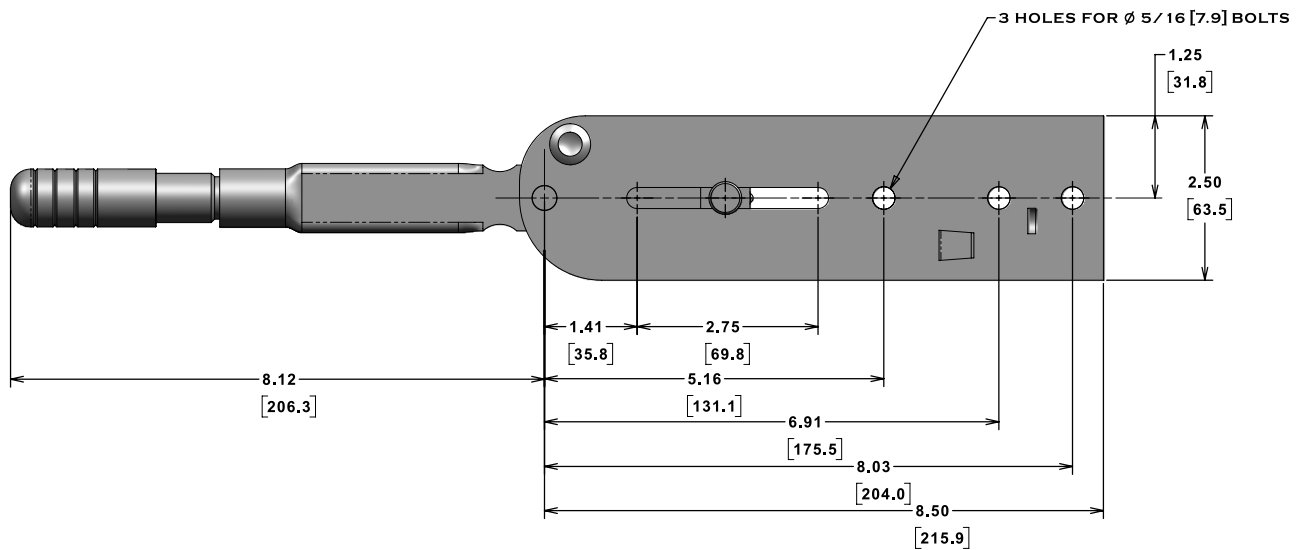
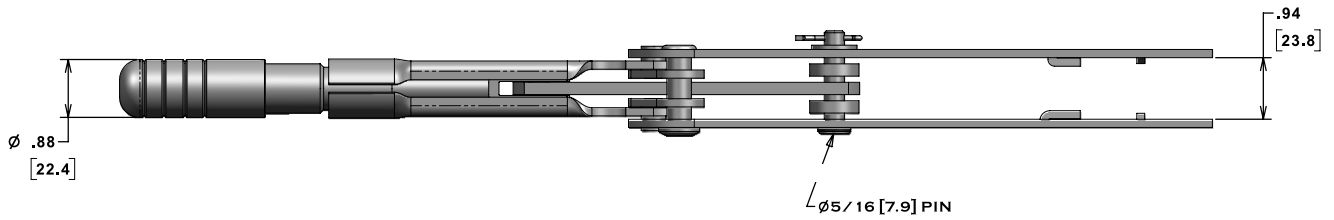
ORSCHELN LEVER 02336700



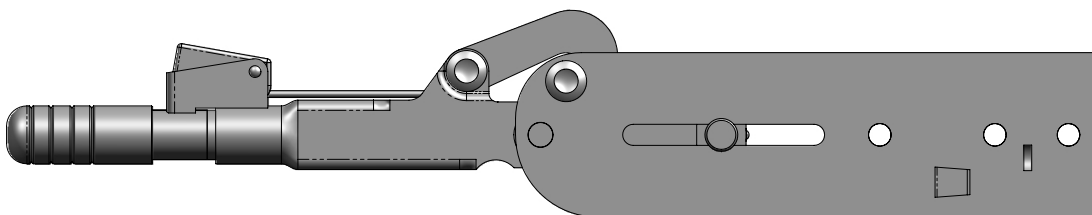
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STANDARD LEVER

ORSCHELN LEVER 02183100



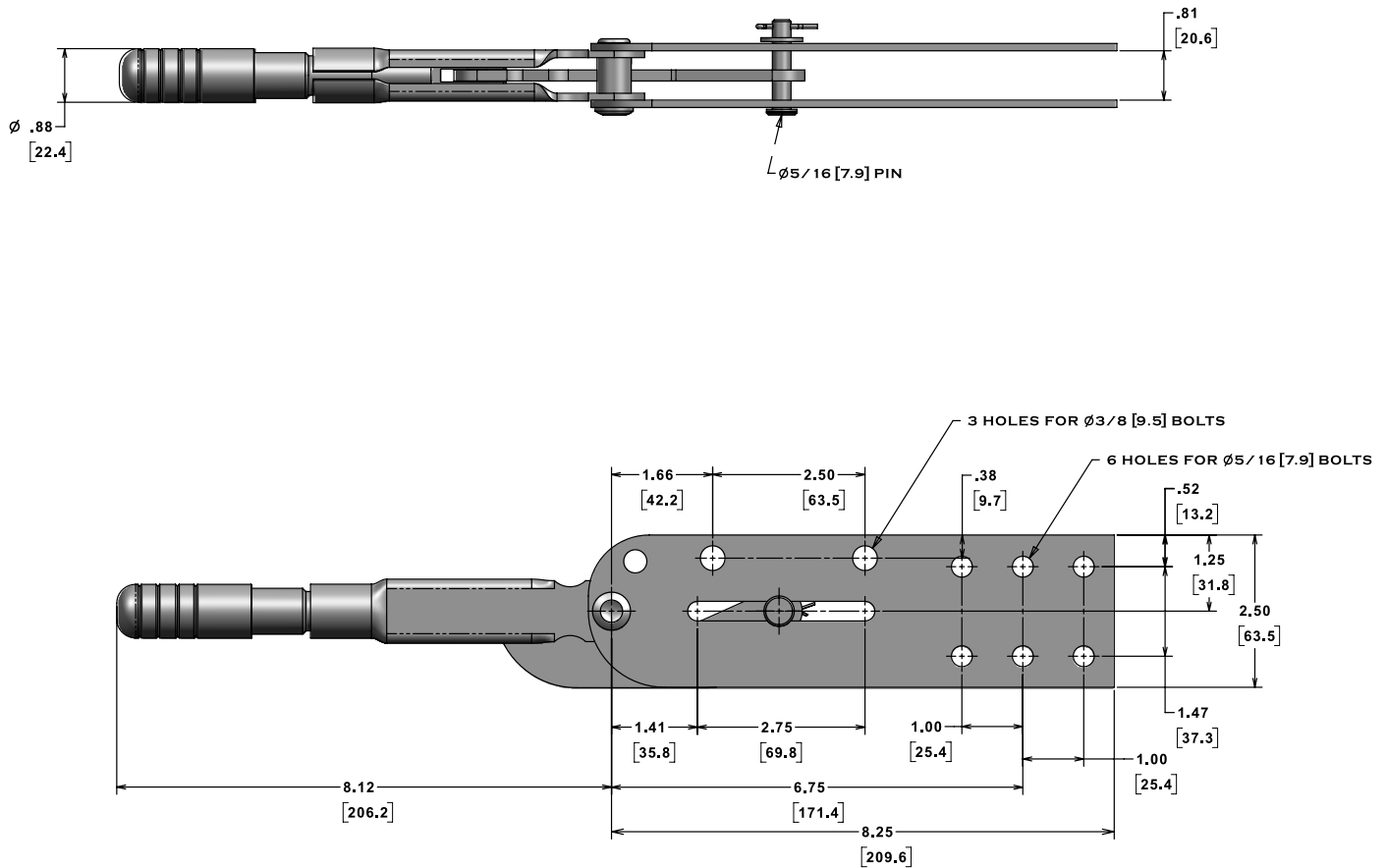
ORSCHELN LEVER 02336600



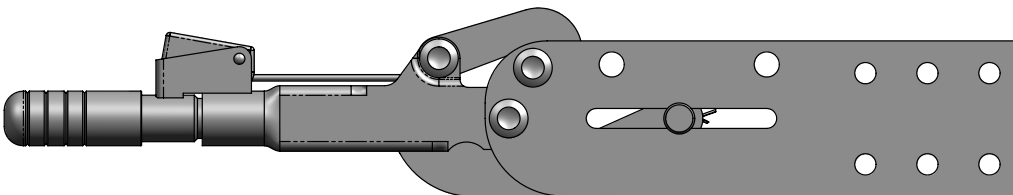
**For Dual Cable Applications*

STANDARD LEVER

ORSCHELN LEVER 02324200



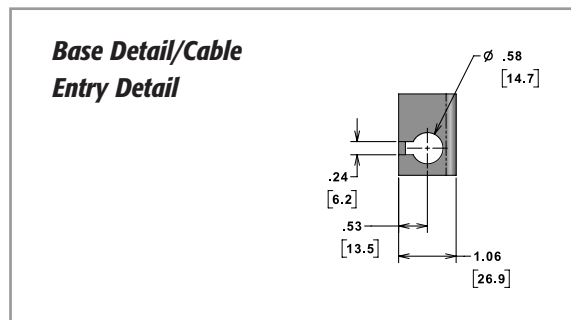
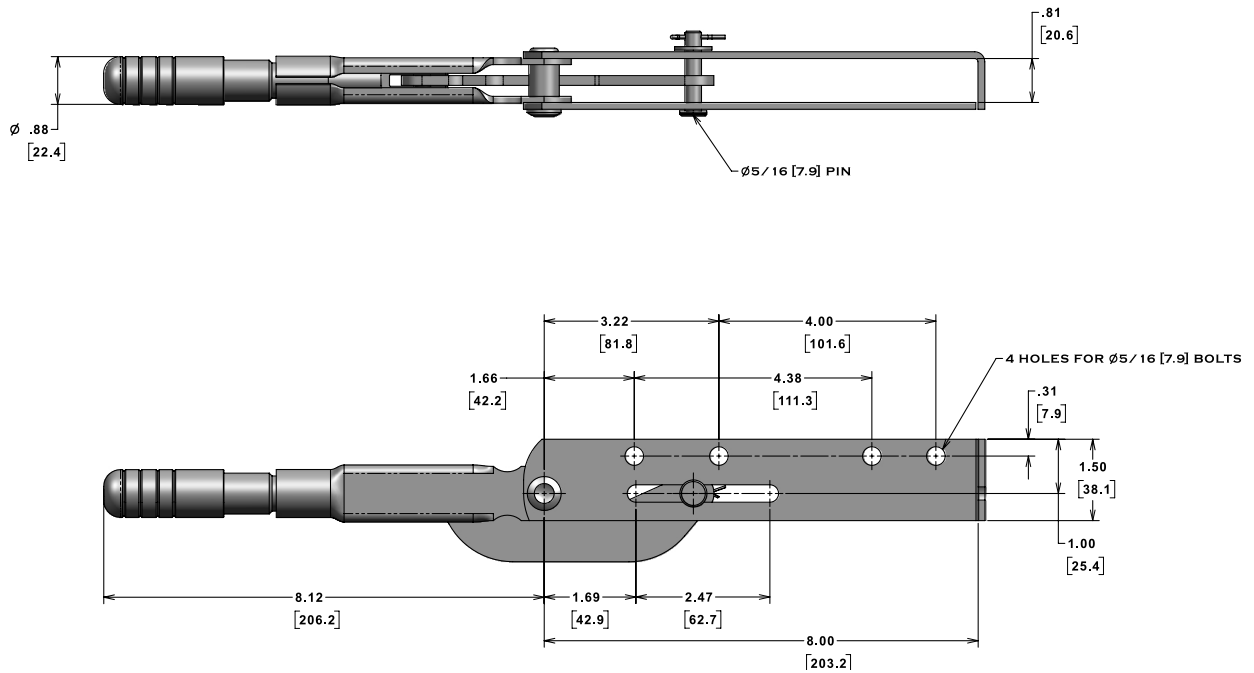
ORSCHELN LEVER 02336200



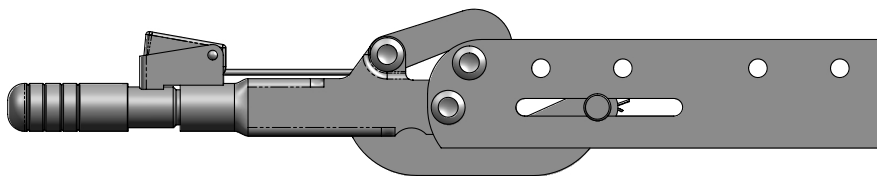
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STANDARD LEVER

ORSCHELN LEVER 02324300

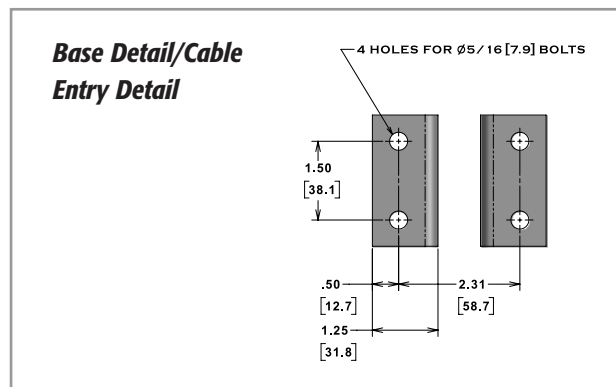
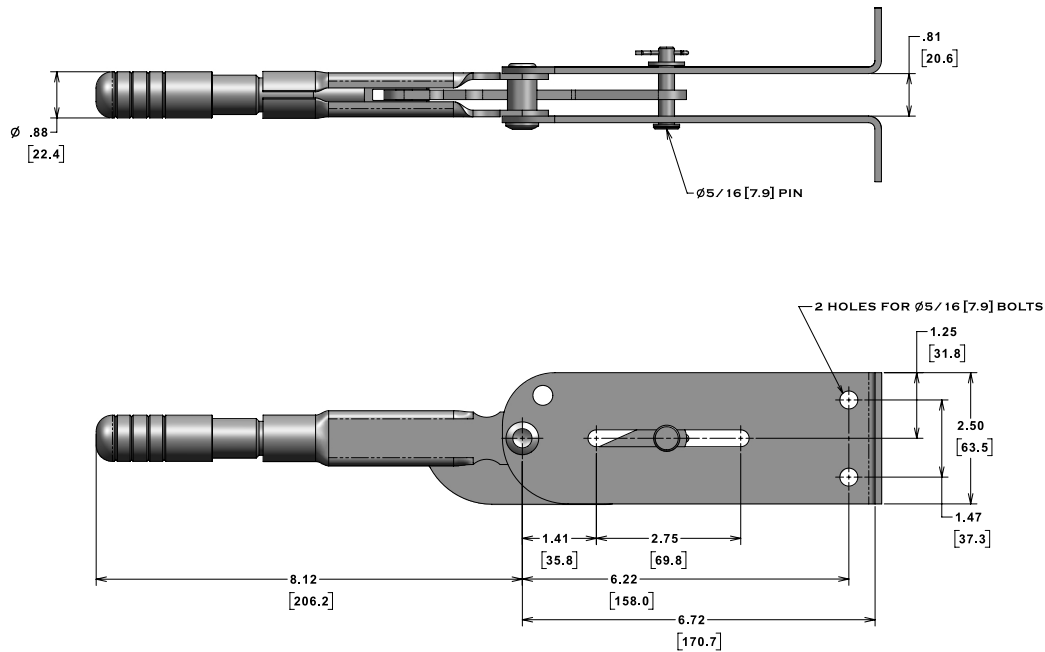


ORSCHELN LEVER 02336300

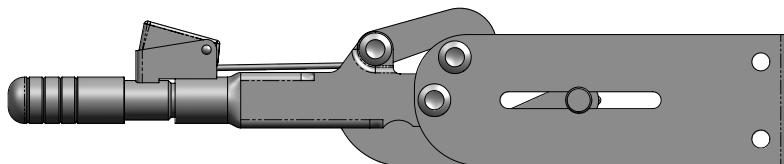


STANDARD LEVER

ORSCHELN LEVER 02324400



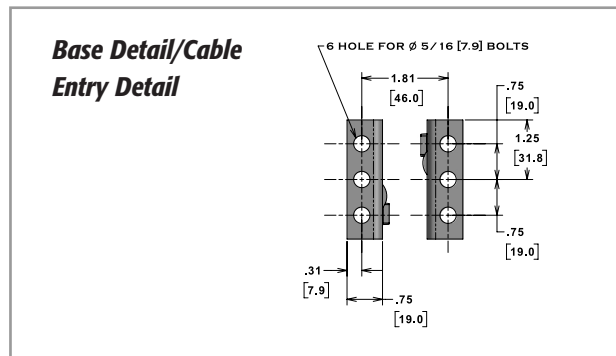
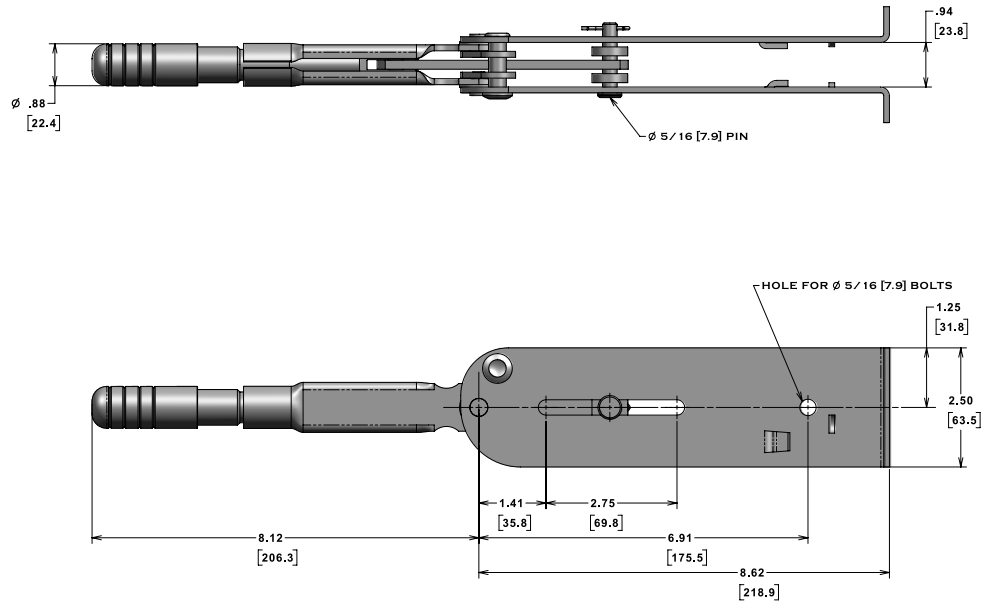
ORSCHELN LEVER 02336400



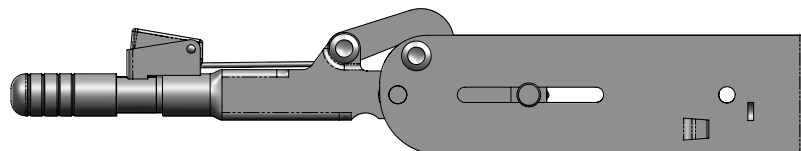
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STANDARD LEVER

ORSCHELN LEVER 01086500

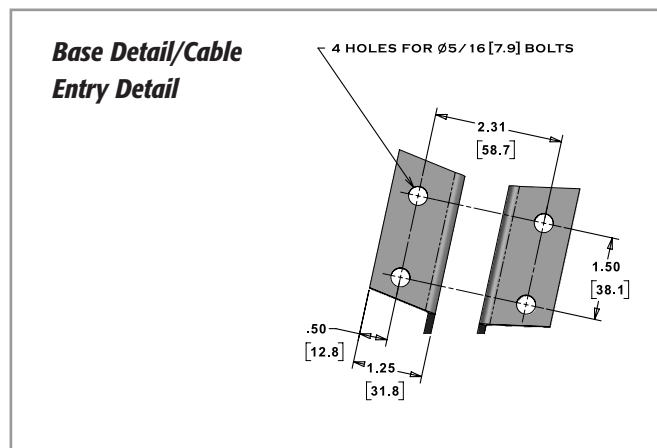
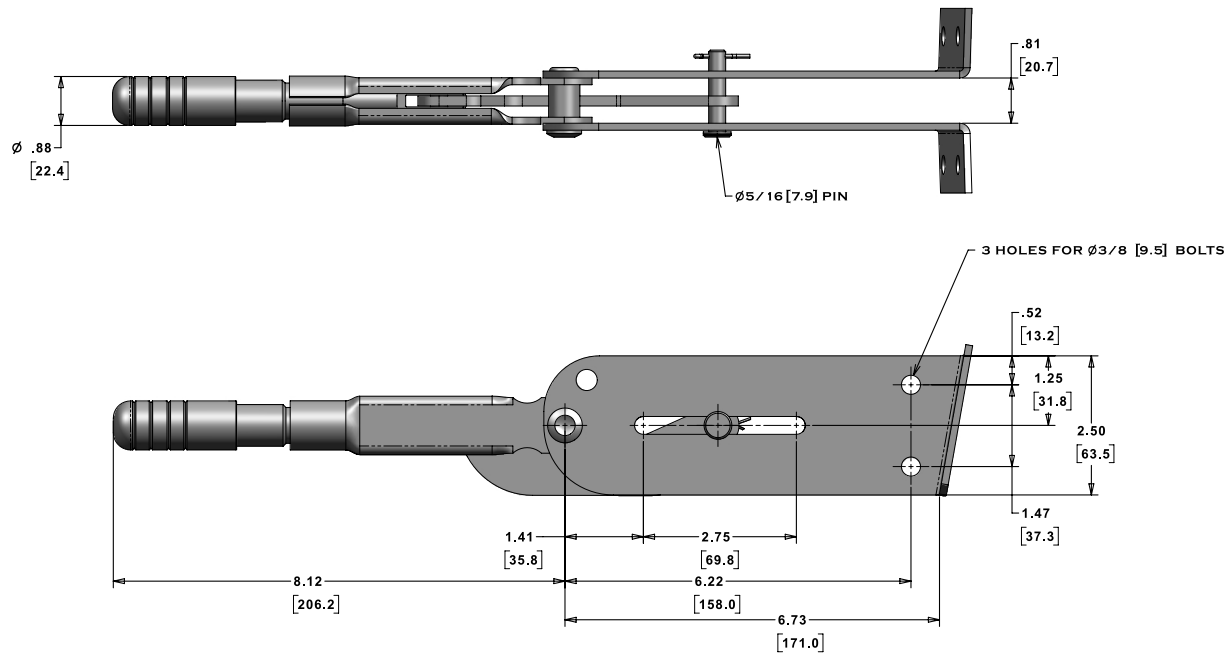


ORSCHELN LEVER 02336800

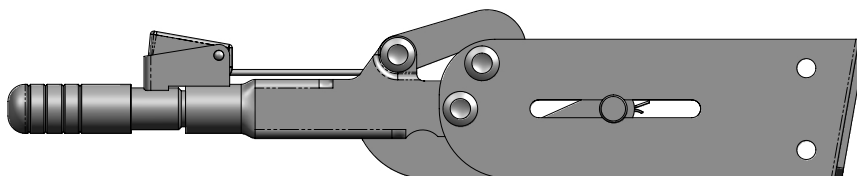


STANDARD LEVER

ORSCHELN LEVER 01330300

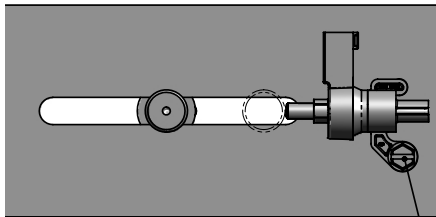
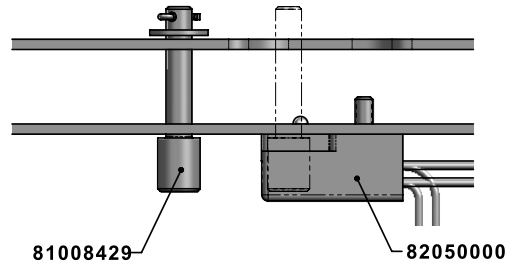
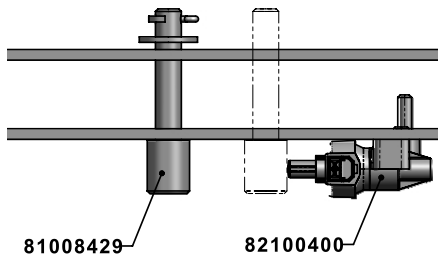


ORSCHELN LEVER 02338600

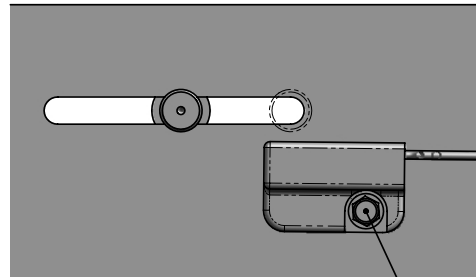


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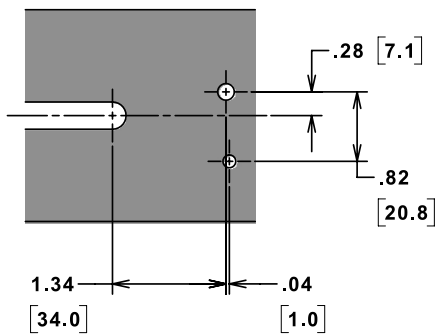
LIGHT SWITCH OPTIONS



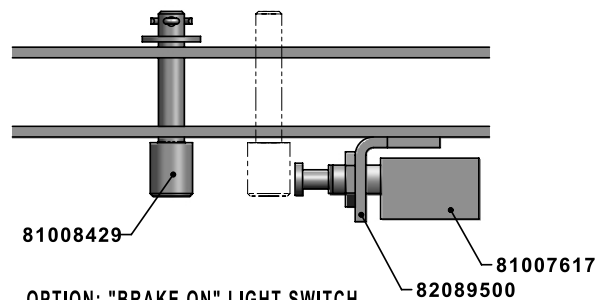
OPTION: "BRAKE ON" LIGHT SWITCH
NORMALLY ON
NOT RECOMMENDED FOR USE IN
HOSTILE ENVIRONMENTS



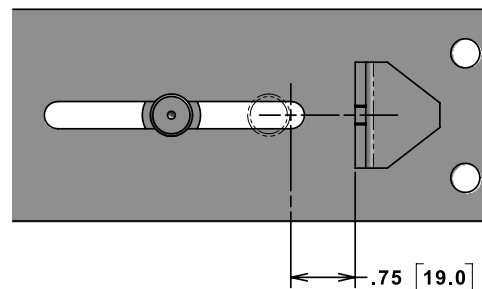
OPTION: "BRAKE ON" LIGHT SWITCH
NORMALLY ON
NOT RECOMMENDED FOR USE IN
HOSTILE ENVIRONMENTS



LIGHT SWITCH HOLE PATTERN

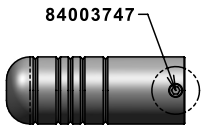


OPTION: "BRAKE ON" LIGHT SWITCH
NORMALLY ON
WEATHER RESISTANT

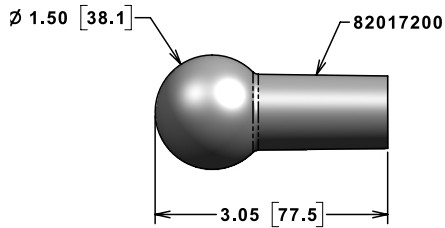


SW MTG BRKT CAN BE LOCATED
ON EITHER THE LEFT OR RIGHT SIDE

KNOB/LOCK OPTIONS



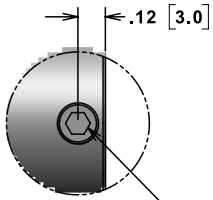
SET SCREW KNOB



KNOB, COLOR: BLACK

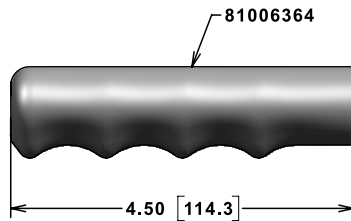
HANDLE LENGTH OPTIONS

8.12"
8.94"
9.88"
10.38"
12.00"

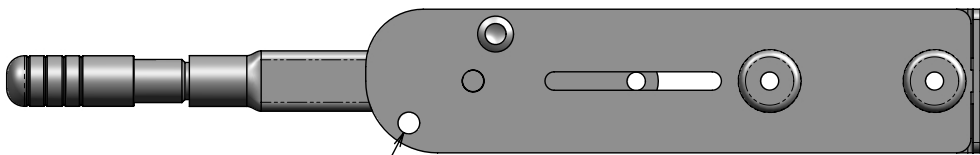
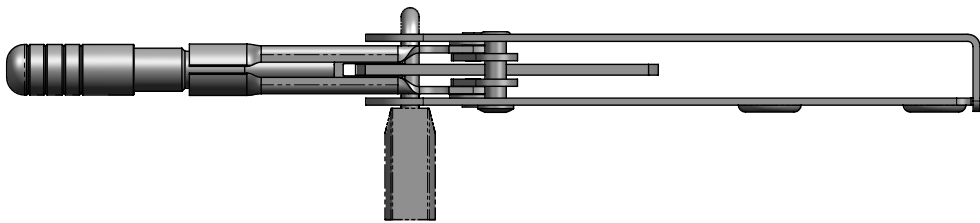


SCALE 3:1

ALLEN SCREW SIZE: 5/64"

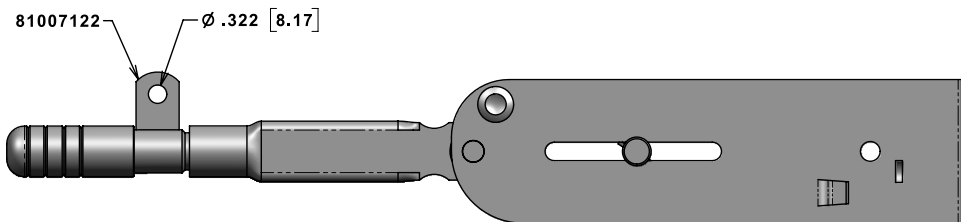


GRIP, COLOR: BLACK



Ø .380 [9.65]—

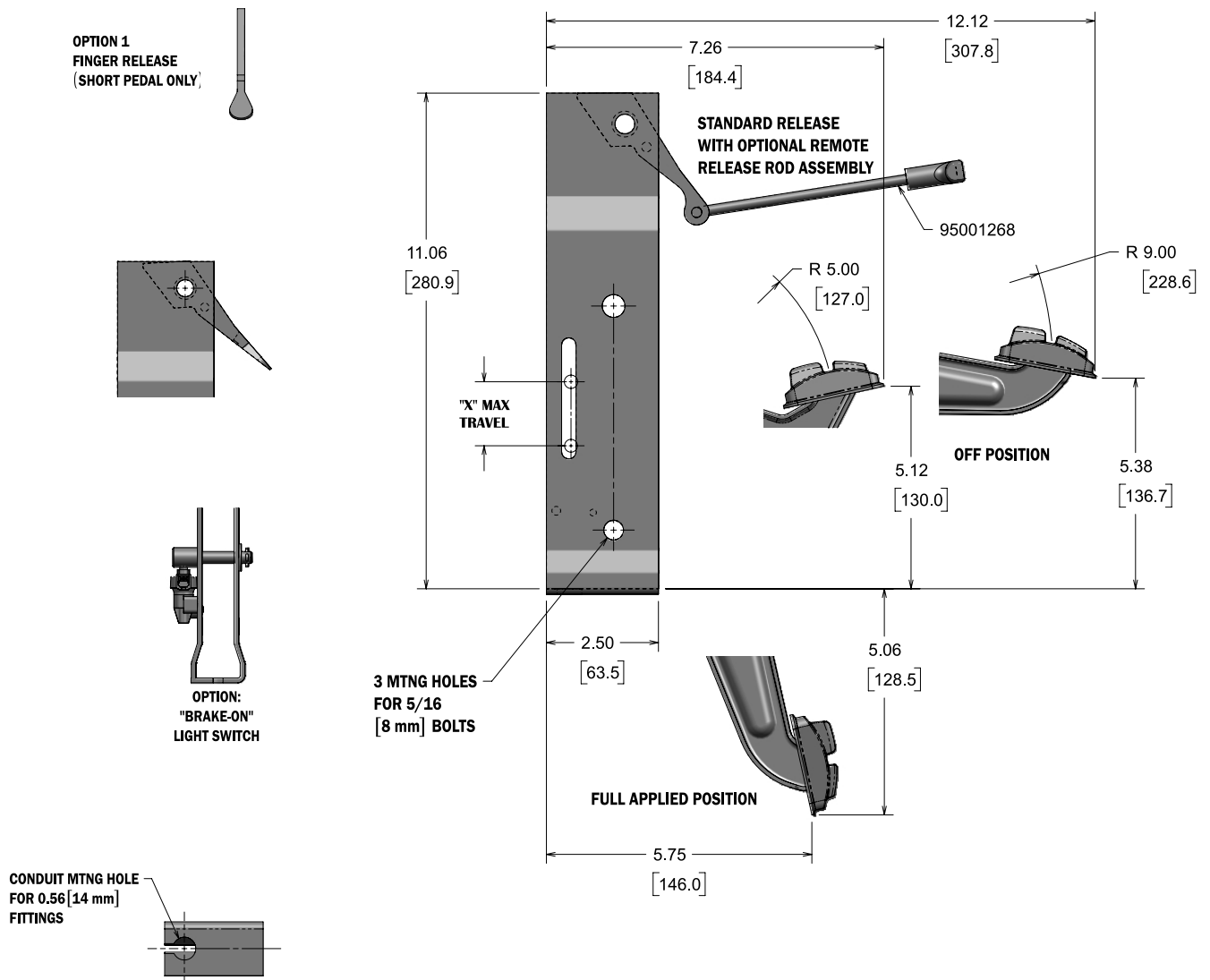
PADLOCK OPTION



BREAKAWAY OPTION

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VERTICAL FOOT BRAKE



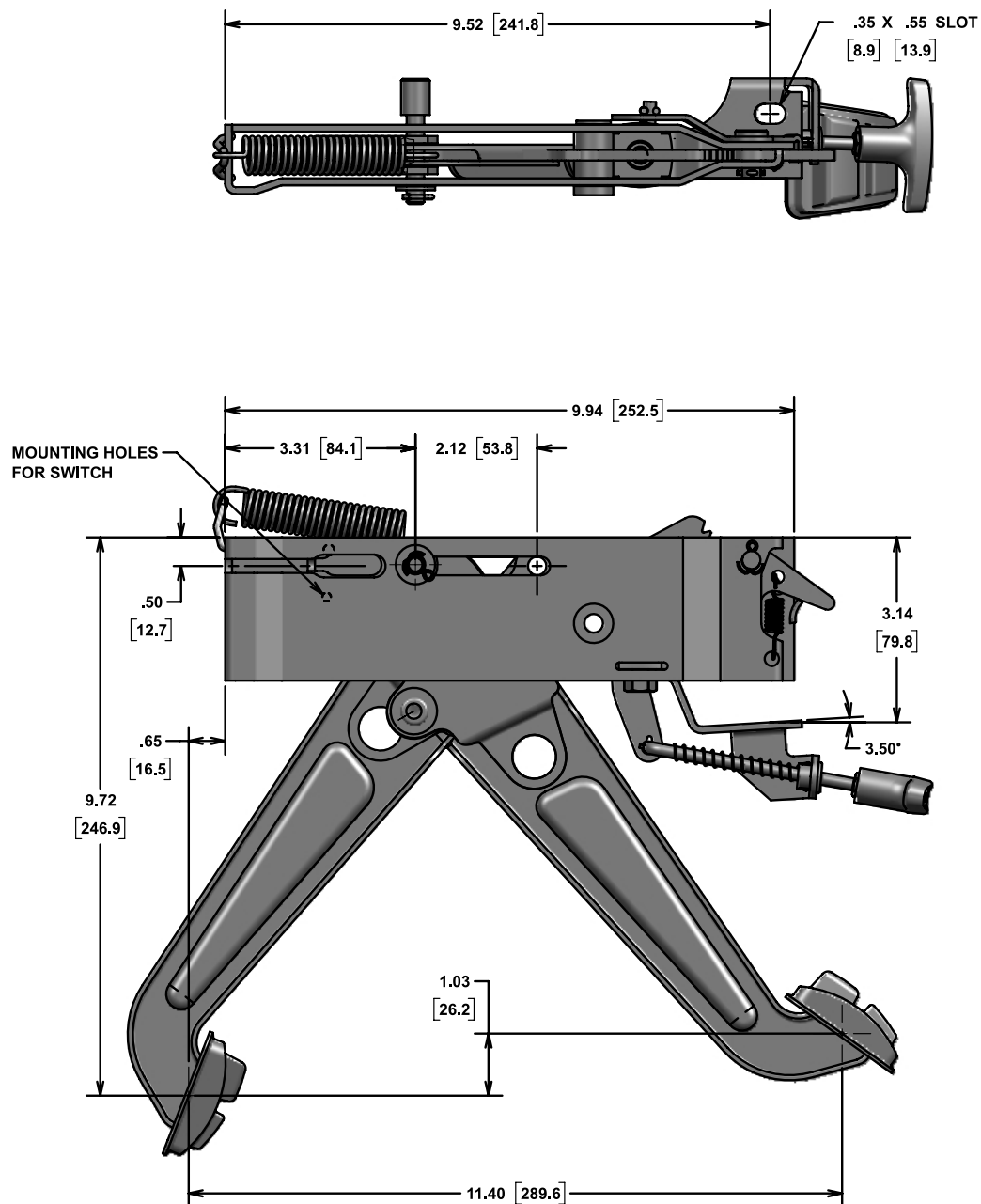
PEDAL LENGTH	"X" MAX TRAVEL	PEDAL P/N
5.00 [127.0]	1.00 [25.4]	07002700
5.00 [127.0]	1.50 [38.1]	07005000
9.00 [229.0]	2.06 [52.3]	07003002

CHOOSING A PEDAL		
BASIC	PEDAL:	VERT/HORIZ
	PEDAL LENGTH:	LONG/SHORT
	TRAVEL:	
OPTIONS	RELEASE MECH:	FINGER/REL ROD
	LIGHT SWITCH:	YES/NO

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HORIZONTAL FOOT BRAKE

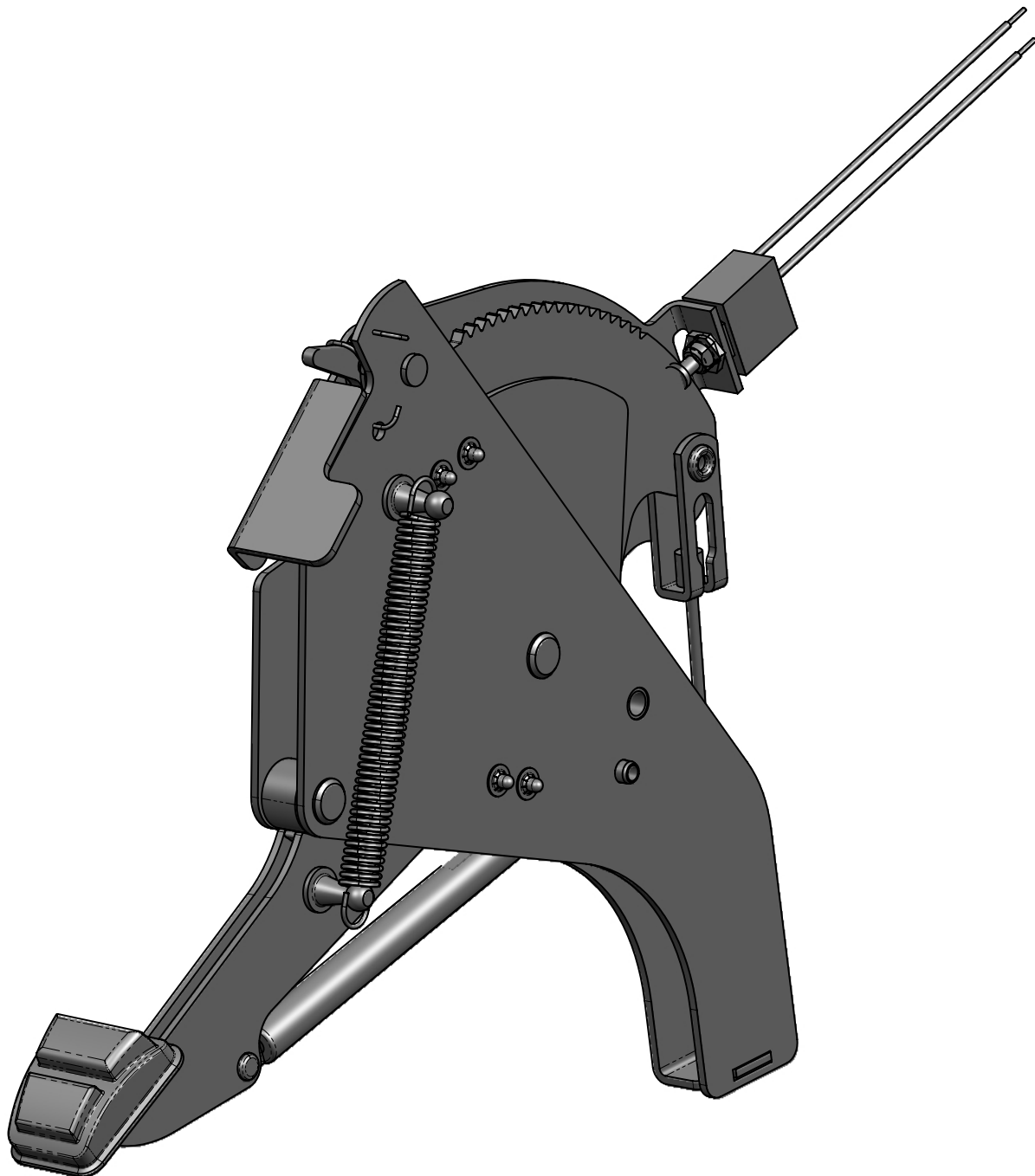
PART NO.	PEDAL LENGTH	MAX TRAVEL
04001004	9.72 [246.9]	2.12 [53.9]



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CUSTOM PEDAL OPTION 1

Industrial Applications	Low Frequency of Use/Cycle	Ratchet & Pawl
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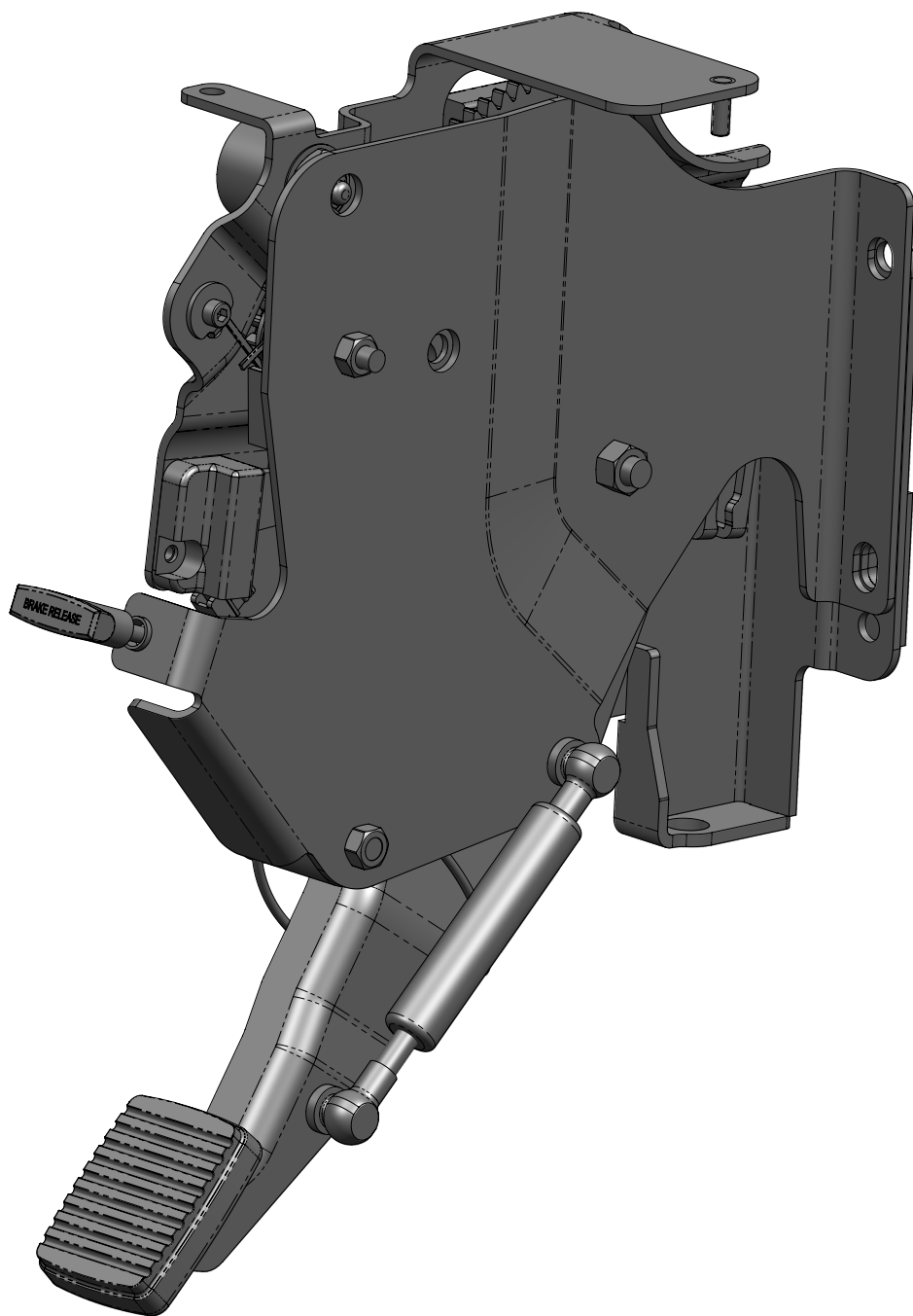


****More Details Available Upon Request***

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CUSTOM PEDAL OPTION 2

Commercial Applications	High Frequency of Use/Cycle	Clutch Spring
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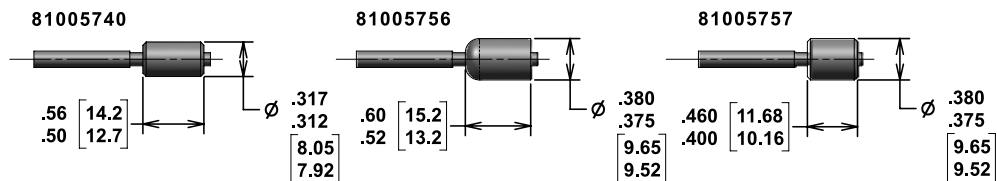


****More Details Available Upon Request***

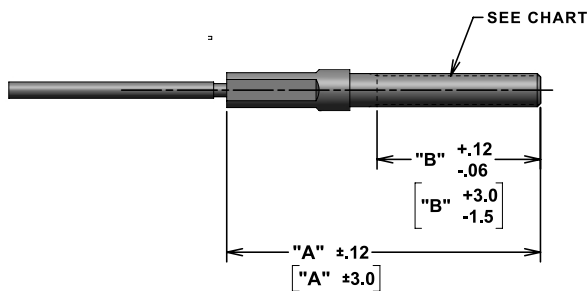
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1/8 PBT STRAND END FITTINGS

BUTTONS

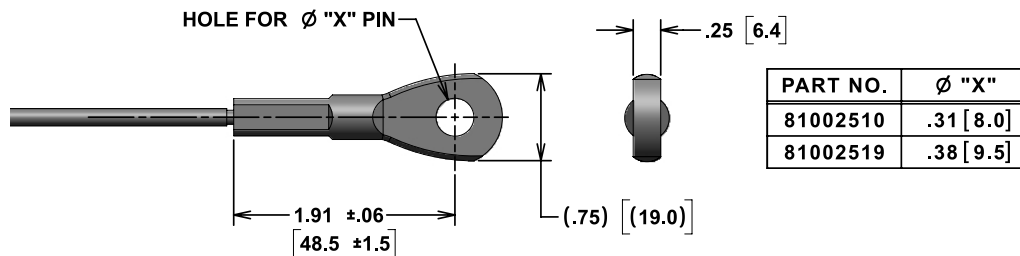


THREADED

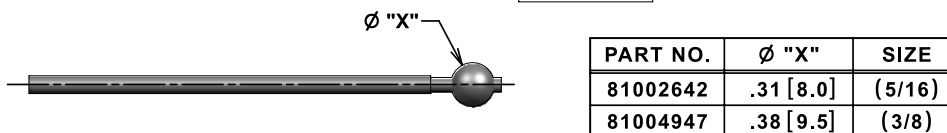


PART NO.	"A"	"B"	THREAD
81002491	2.88 [73.2]	1.50 [38.1]	5/16-24
81002494	3.62 [95.0]	2.25 [57.2]	5/16-24
81002478	2.62 [66.5]	1.50 [38.1]	3/8-24
82043700	4.25 [107.9]	3.25 [82.6]	M10 X 1.5

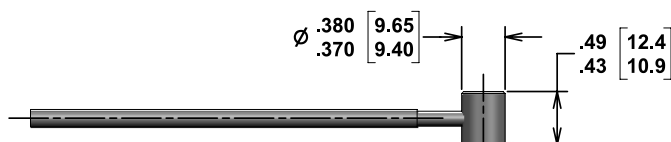
EYE



SPHERE



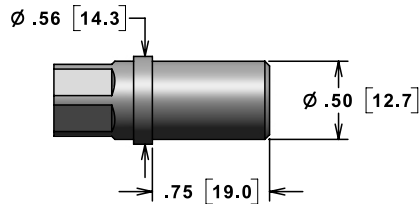
BARREL



1/8 PBT CONDUIT END FITTINGS

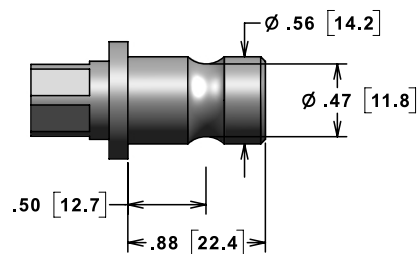
CLAMP

81006287



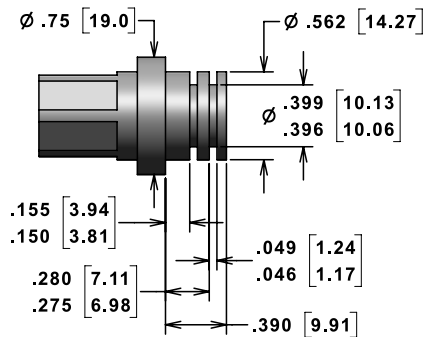
UBOLT

82031400



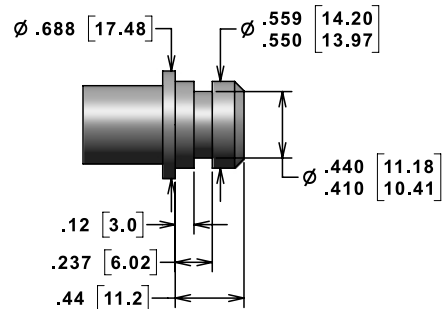
E-RING

82369400
(RPLCS 81006288)



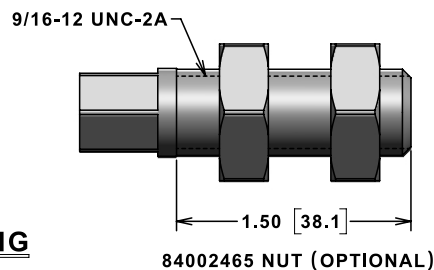
CLIP

82012000



BULKHEAD THREADED

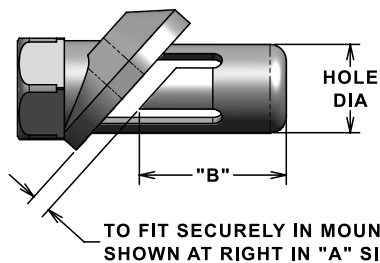
81006289



84002465 NUT (OPTIONAL)

42° SNAP - IN FITTING

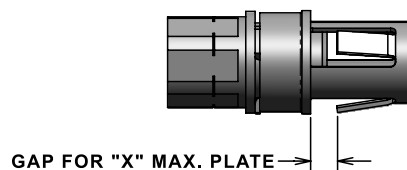
81003767 COLLAR
81005829 SLEEVE



TO FIT SECURELY IN MOUNTING
SHOWN AT RIGHT IN "A" SIZE PLATE

PART NO.	A	B	HOLE DIA
95001388	.205/.170 [5.21/4.32]	.93 [23.6]	.565 [14.35]

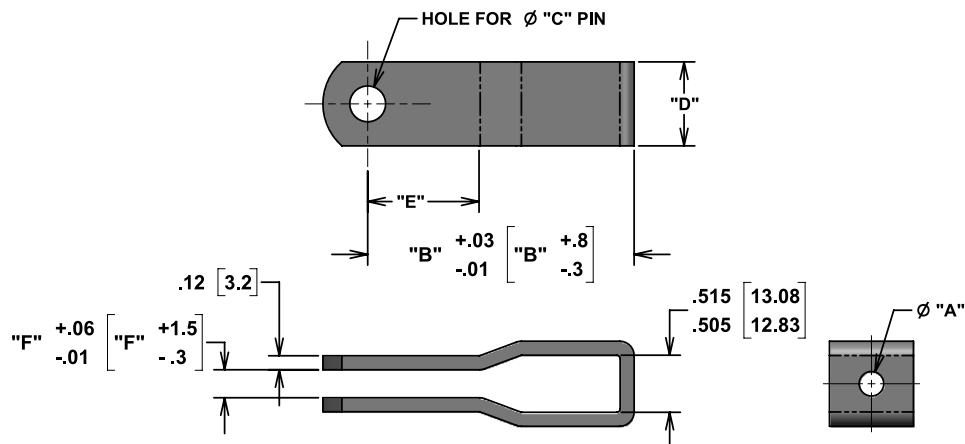
SNAP - IN FITTING



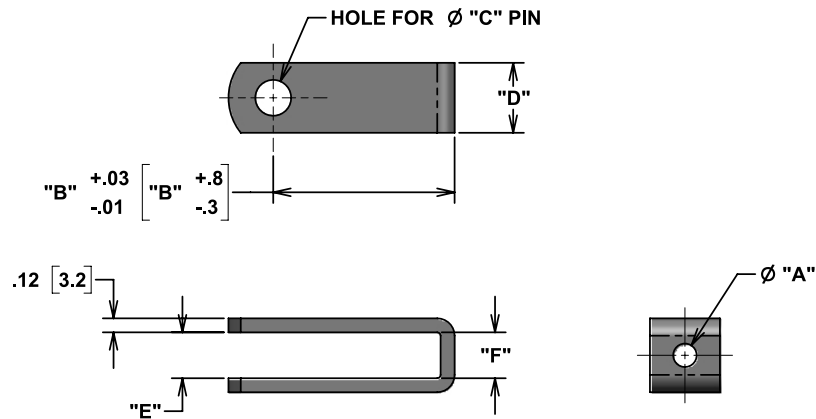
PART NO.	"X" MAX. PLATE	HOLE DIA	REPLACES
92017600	.253 [6.42]	.551 [14.00]	N/A
92017601	.193 [4.90]	.551 [14.00]	95001434
92017602	.133 [3.38]	.551 [14.00]	95001218
92018600	.133 [3.38]	.575 [14.61]	95001278
92018601	.193 [4.90]	.575 [14.61]	95001279

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1/8 CLEVIS



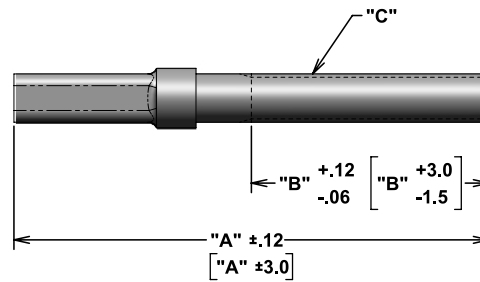
PART NO.	"A"	"B"	"C"	"D"	"E"	"F"
81002454	.210 [5.33]	1.56 [39.6]	.31 [7.9]	.62 [15.8]	.31 [7.9]	.19 [4.8]
81002535	.210 [5.33]	2.38 [60.5]	.31 [7.9]	.75 [19.0]	1.00 [25.4]	.25 [6.4]
81002536	.210 [5.33]	2.38 [60.5]	.38 [9.7]	.75 [19.0]	1.00 [25.4]	.25 [6.4]
81002537	.210 [5.33]	1.75 [44.4]	.31 [7.9]	.62 [15.8]	.38 [9.7]	.25 [6.4]
81002646	.359 [9.12]	1.75 [44.4]	.31 [7.9]	.75 [19.0]	.38 [9.7]	.25 [6.4]
81002685	.359 [9.12]	2.38 [60.5]	.31 [7.9]	.75 [19.0]	1.00 [25.4]	.25 [6.4]
81002858	.359 [9.12]	4.00 [101.6]	.38 [9.7]	.75 [19.0]	.50 [12.7]	.25 [6.4]
81002963	.359 [9.12]	3.00 [76.2]	.31 [7.9]	.75 [19.0]	.75 [19.0]	.25 [6.4]



PART NO.	"A"	"B"	"C"	"D"	"E"	"F"
81002545	.210 [5.33]	1.62 [41.2]	.31 [7.9]	.62 [15.8]	.45/.38 [11.4/9.7]	.40/.39 [10.2/9.9]
81002546	.210 [5.33]	2.00 [50.8]	.31 [7.9]	.62 [15.8]	.45/.38 [11.4/9.7]	.40/.39 [10.2/9.9]
81002550	.210 [5.33]	2.00 [50.8]	.38 [9.7]	.75 [19.0]	.45/.38 [11.4/9.7]	.40/.39 [10.2/9.9]
81002467	.210 [5.33]	1.94 [49.3]	.38 [9.7]	.75 [19.0]	.56/.49 [14.2/12.4]	.515/.505 [13.08/12.83]
81002578	.210 [5.33]	1.88 [47.8]	.31 [7.9]	.62 [15.8]	.56/.49 [14.2/12.4]	.515/.505 [13.08/12.83]
81002635	.323 [8.20]	2.50 [63.5]	.31 [7.9]	.62 [15.8]	.56/.49 [14.2/12.4]	.515/.505 [13.08/12.83]
81002914	.323 [8.20]	2.50 [63.5]	.38 [9.7]	.75 [19.0]	.56/.49 [14.2/12.4]	.515/.505 [13.08/12.83]

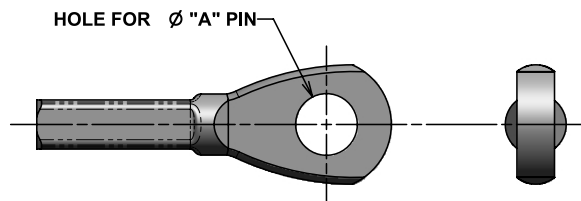
3/16 PBT OPTIONAL STRAND END FITTINGS

THREADED END FITTING



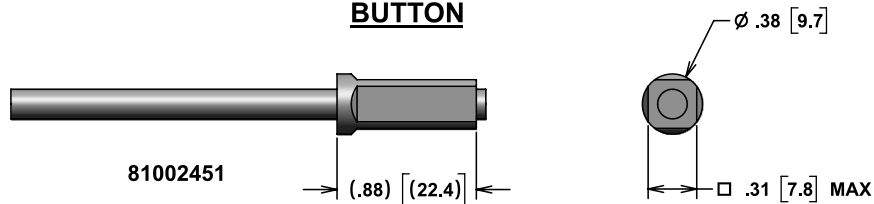
PART NO.	"A"	"B"	"C"
81006109	3.00 [76.2]	1.50 [38.1]	1/4-28 UNF-2A
81006111	3.00 [76.2]	1.50 [38.1]	5/16-24 UNF-2A
81006112	3.75 [95.3]	2.25 [57.2]	5/16-24 UNF-2A
81006113	2.62 [66.6]	1.50 [38.1]	3/8-24 UNF-2A
81006114	3.62 [92.0]	2.50 [63.5]	3/8-24 UNF-2A
82100700	4.50 [114.3]	3.25 [82.6]	M10-1.5

SWAGED EYE

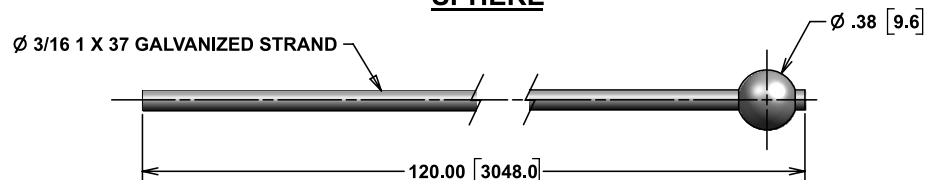


PART NO.	"A"
81006116	.31 [7.9]
81006117	.38 [9.7]

BUTTON



SPHERE

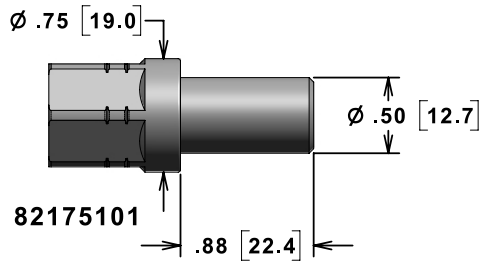


PART NO.	STRAND
17753500	COATED STRAND
17753600	BARE STRAND

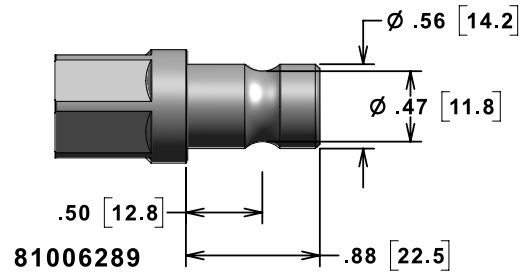
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3/16 PBT CONDUIT END FITTINGS

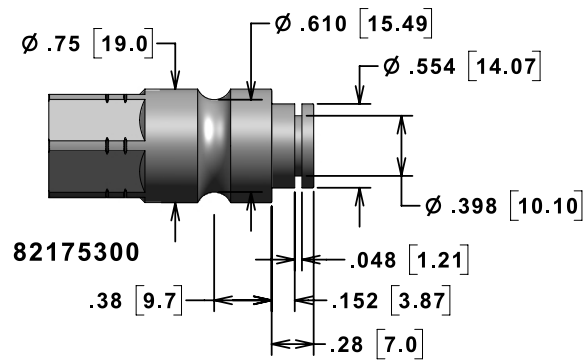
CLAMP



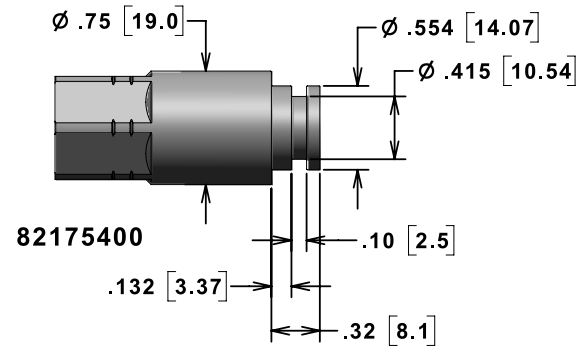
UBOLT



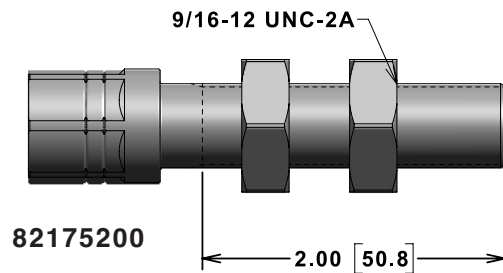
E-RING



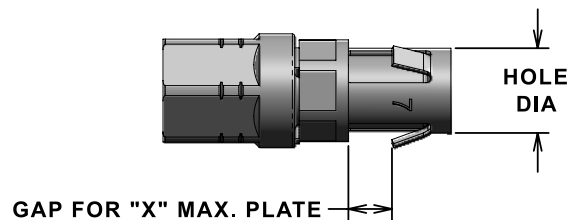
CLIP



BULKHEAD THREADED

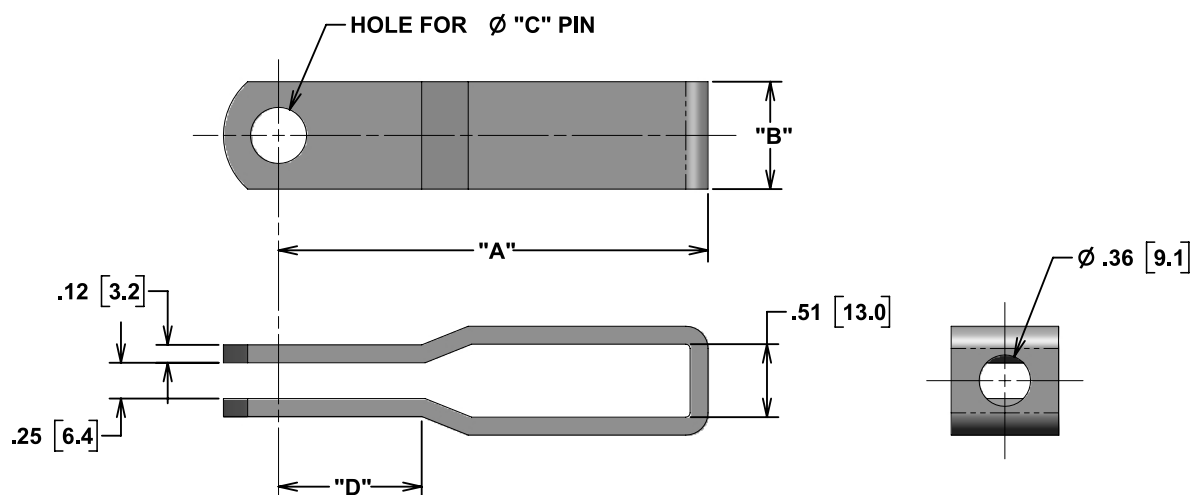


SNAP - IN FITTING

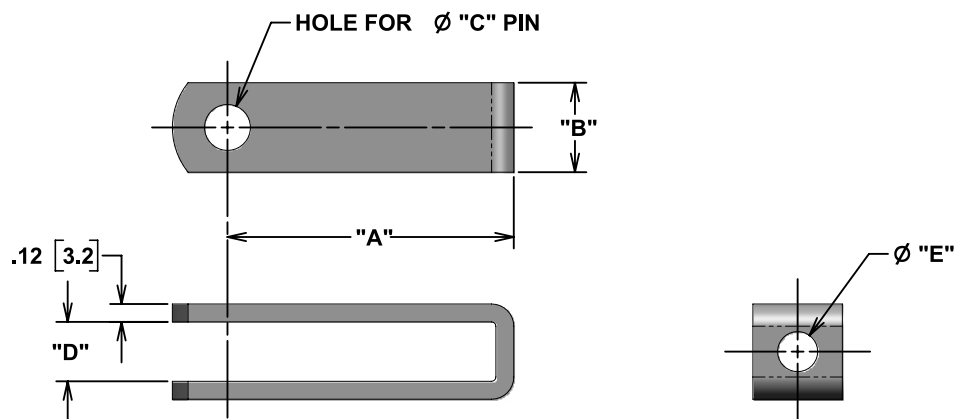


PART NO.	"X" MAX. PLATE	HOLE DIA
92028900	.253 [6.42]	.575 [14.60]
92028901	.133 [3.38]	.575 [14.60]
92028902	.193 [4.90]	.575 [14.60]

3/16 CLEVIS



PART NO.	"A"	"B"	"C"	"D"
81002963	3.00 [76.2]	.62 [15.8]	.31 [7.9]	.75 [19.0]
81006106	3.00 [76.2]	.75 [19.0]	.38 [9.7]	1.00 [25.4]

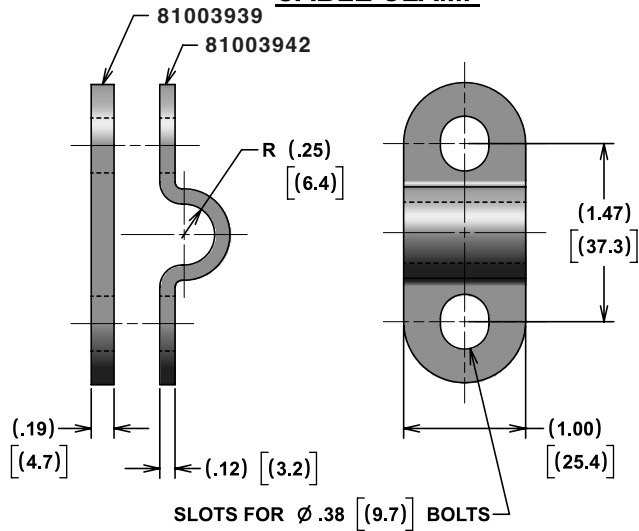


PART NO.	"A"	"B"	"C"	"D"	"E"
81006273	1.50 [38.1]	.62 [15.8]	.31 [7.9]	.38 [9.7]	.28 [7.1]
81006107	2.00 [50.8]	.62 [15.8]	.31 [7.9]	.38 [9.7]	.28 [7.1]
81006108	1.62 [41.2]	.75 [19.0]	.38 [9.7]	.38 [9.7]	.28 [7.1]
81002635	2.50 [63.5]	.62 [15.8]	.31 [7.9]	.50 [12.7]	.32 [8.2]
81002914	2.50 [63.5]	.75 [19.0]	.38 [9.7]	.50 [12.7]	.32 [8.2]
81006104	2.00 [50.8]	.62 [15.8]	.31 [7.9]	.50 [12.7]	.28 [7.1]
81006105	2.00 [50.8]	.75 [19.0]	.38 [9.7]	.50 [12.7]	.28 [7.1]

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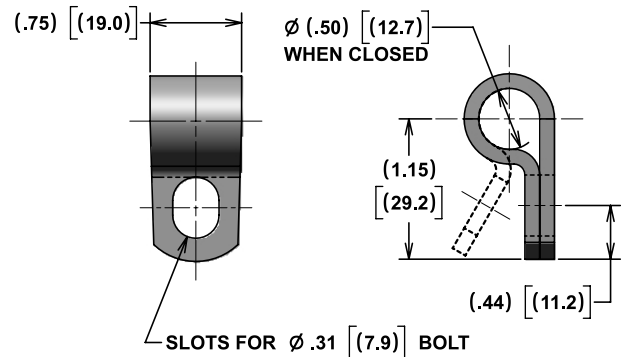
CABLE MOUNTING HARDWARE

CABLE CLAMP



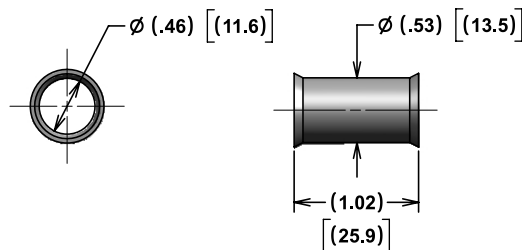
CABLE CLAMP

81004114



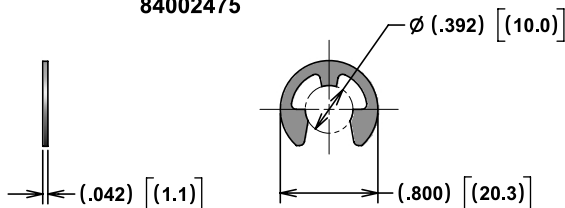
CONDUIT SLEEVE

82105500
(1/8 CABLE)



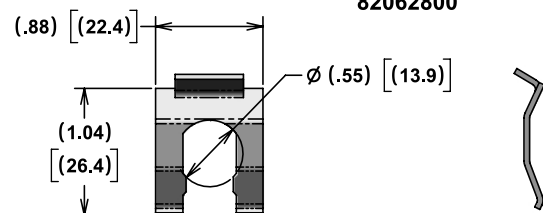
E-CLIP

84002475



SPRING CLIP

82062800



ADDITIONAL HARDWARE

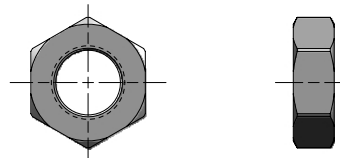
SPRINGS



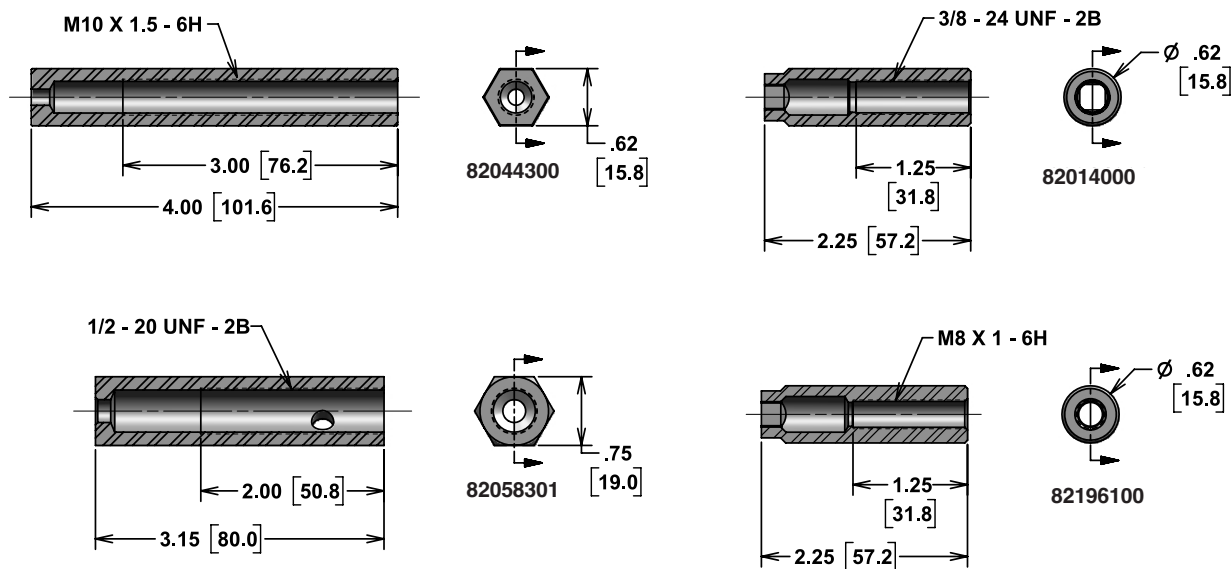
PART NO.	SHUT HEIGHT	LENGTH	RATE LBS/IN [N/MM]	SPRING DIA
84002995	(2.88 [73.2])	(7.75 [196.8])	(5.30 [0.93])	(.36 [9.1])
84004209	(3.30 [83.8])	(10.5 [266.7])	(5.06 [0.89])	(.46 [11.7])
84004378	(3.30 [83.8])	(10.1 [257.0])	(4.70 [0.82])	(.46 [11.7])
81004543	(2.90 [73.7])	(5.00 [127.0])	(5.49 [0.96])	(.39 [9.8])
81004818	(2.20 [55.9])	(4.92 [125.0])	(12.00 [2.10])	(.36 [9.1])
81005809	(.275 [7.00])	(5.34 [135.6])	(15.04 [2.64])	(.39 [9.8])

NUTS

PART NO.	THREAD SIZE
000-80007-0000	3/8 - 24 UNF - 2B
84000398	5/16 - 24 UNF - 2B
84002465	9/16 - 12 UNC - 2B



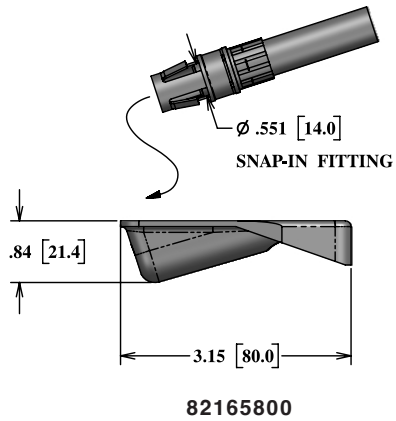
STRAND CONNECTOR / ADJUSTERS



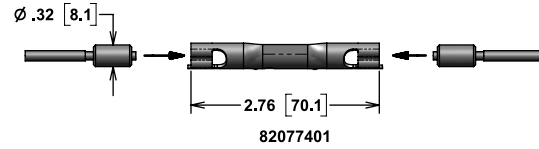
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EQUALIZERS AND CONNECTORS

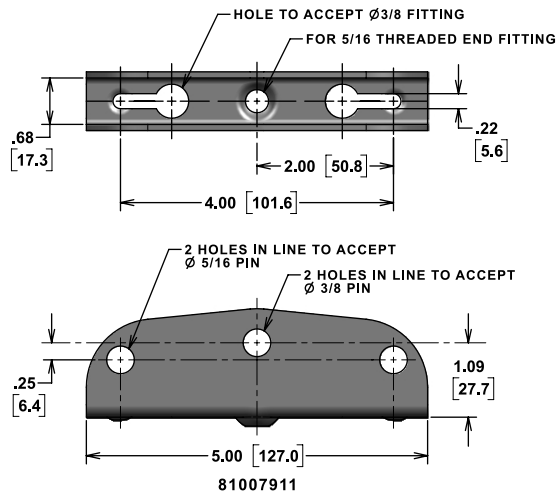
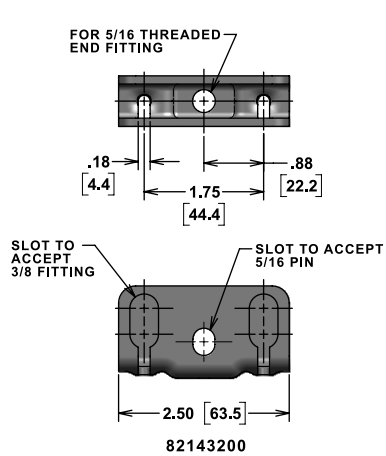
REACTION CONNECTORS



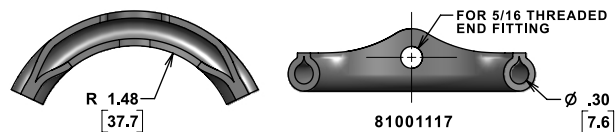
STRAND CONNECTORS



EQUALIZERS



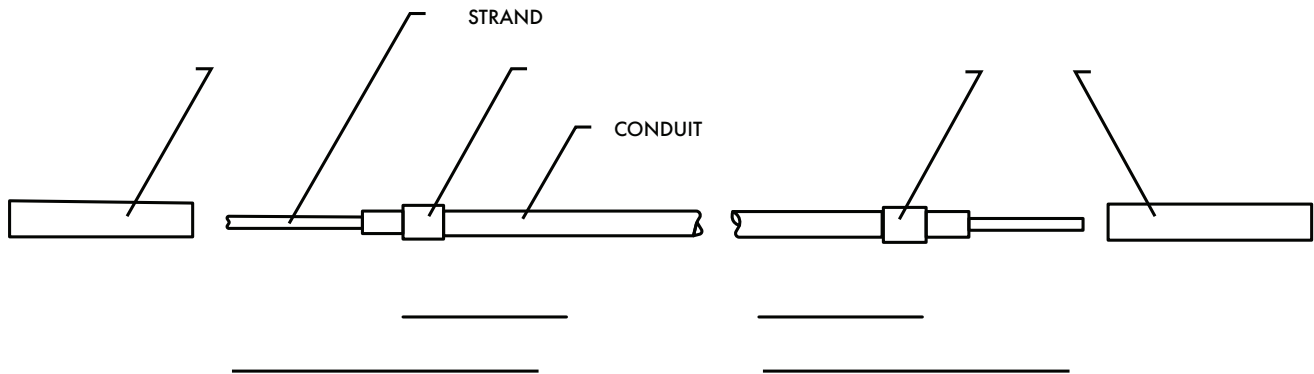
STRAND EQUALIZERS



CABLE DESIGN

CUSTOMER : _____
PART NO. : _____

DATE: _____
APPLICATION : _____



GENERAL CONSTRUCTION:



Strand

1/8
3/16

Min. Bend Radius

5"
7"

Load Rating

1,200 lbs
3,000 lbs

STRAND END FITTINGS

Sphere



Button



Threaded



Eye



Clevis

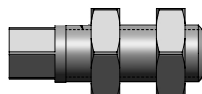


CONDUIT END FITTINGS

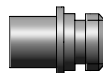
Clamp



Threaded



Clip



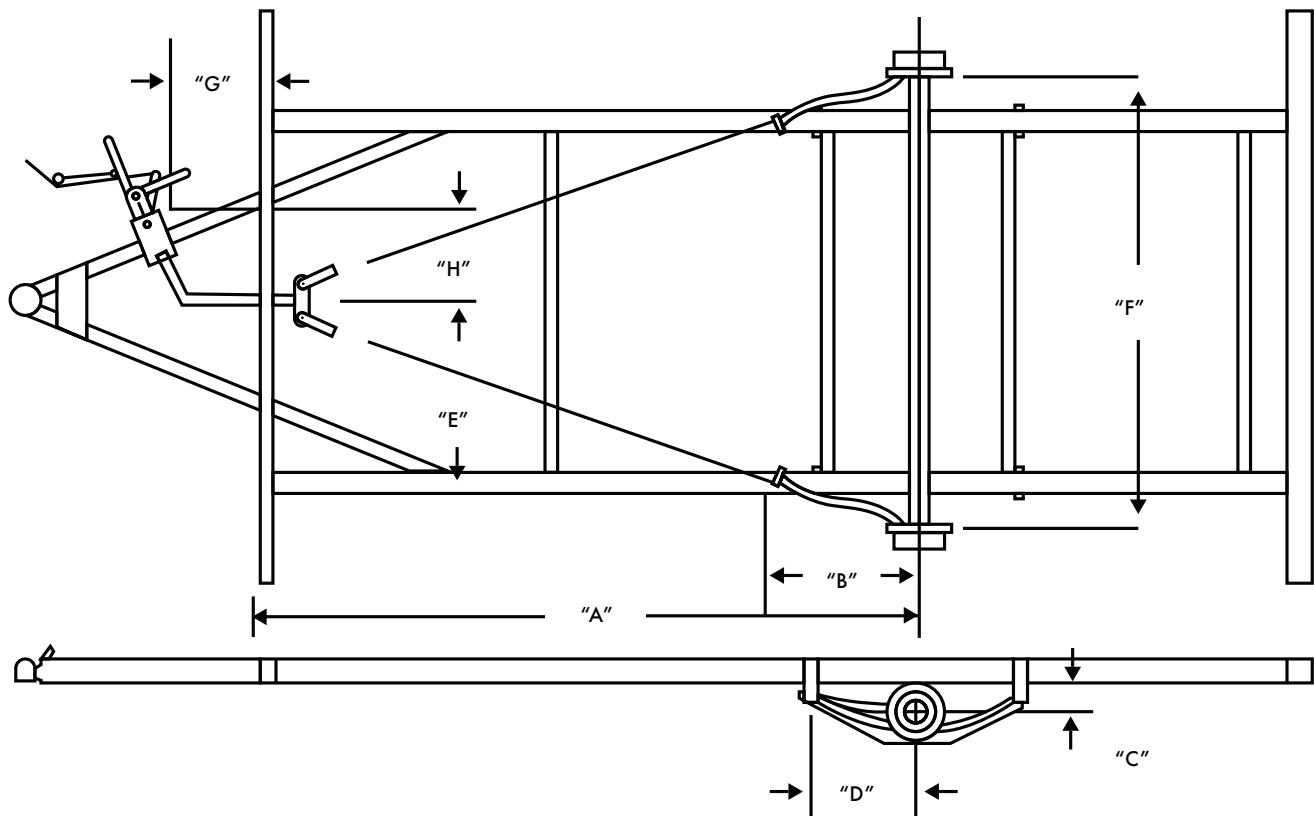
Snap In Fitting



NOTES

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BRAKE SYSTEM LAYOUT



Orscheln Parking Brake System Specification Sheet

- | | |
|--|--|
| A. ____ Front of frame to centerline axle | F. ____ Backing plate to backing plate |
| B. ____ Centerline of axle to conduit mount on frame | G. ____ Front of frame to edge of lever intersecting "A" frame |
| C. ____ Bottom of frame to centerline of axle | H. ____ Centerline of frame and equalizer to edge of lever intersecting "A" edge |
| D. ____ Centerline of axle to centerline of front spring hanger bracket through bolt | I. ____ Notification of any obstacles below the trailer frame that may interfere with cable routings |
| E. ____ Centerline of frame and equalizer to outside of frame | |

General Information

- Gross vehicle weight, fully loaded _____ pounds.
- Brake manufacturer and part number: Mfg. _____ Left _____ Right _____
- Lever location, if other than shown on layout _____
- Type of axles _____
- Frame material width at all points where cables are to mount _____

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ON-HIGHWAY



OFF-HIGHWAY



CHECK



SHIFT



ACCELERATE



PARK



CONTROL



DEFENSE



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