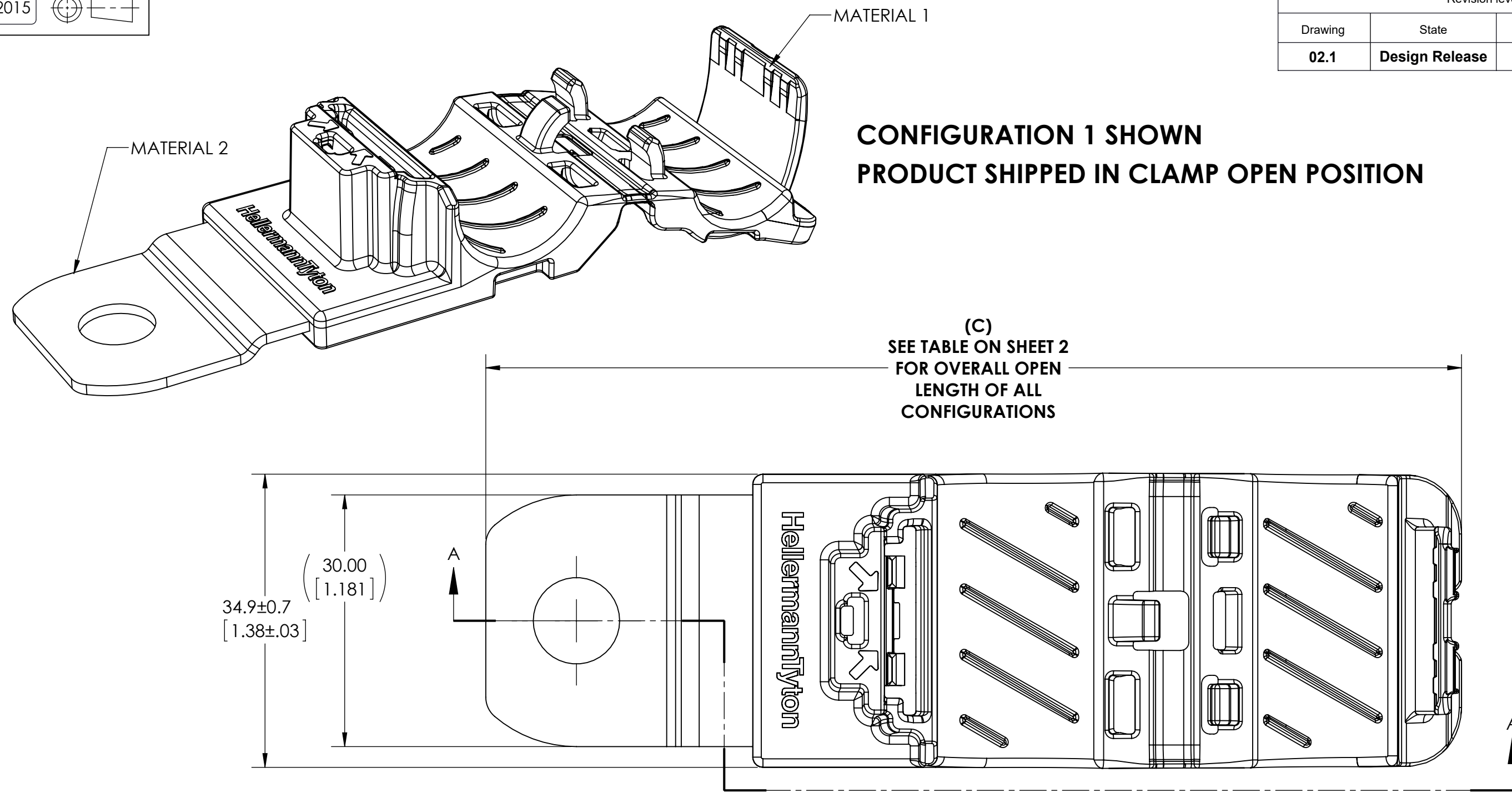
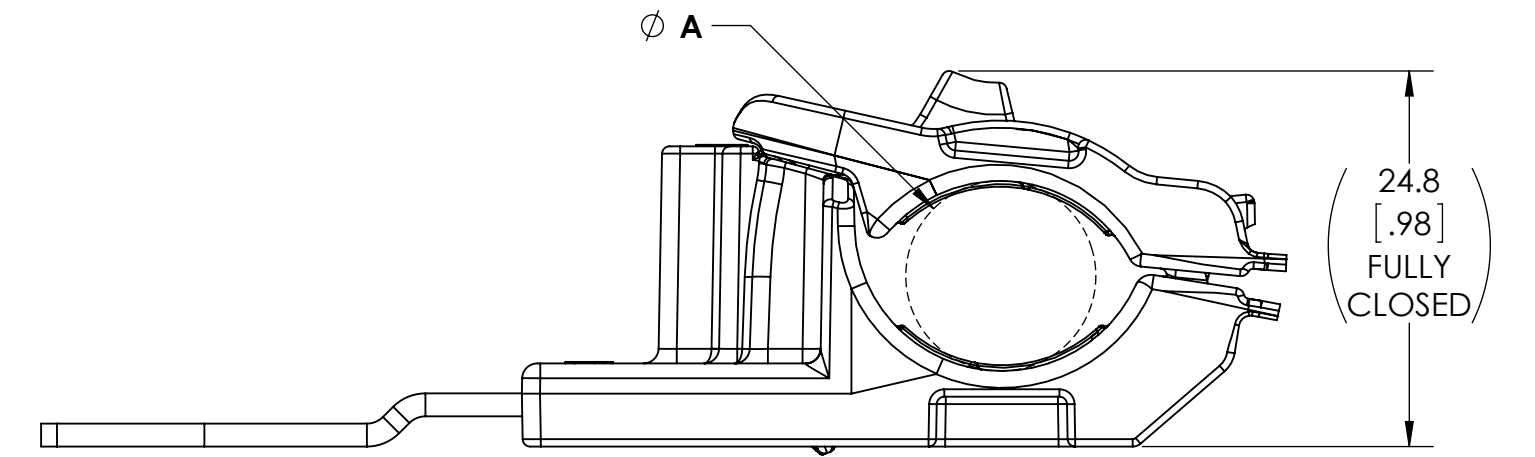


Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 013832	MHT	05/04/2017	KAC	05/04/2017

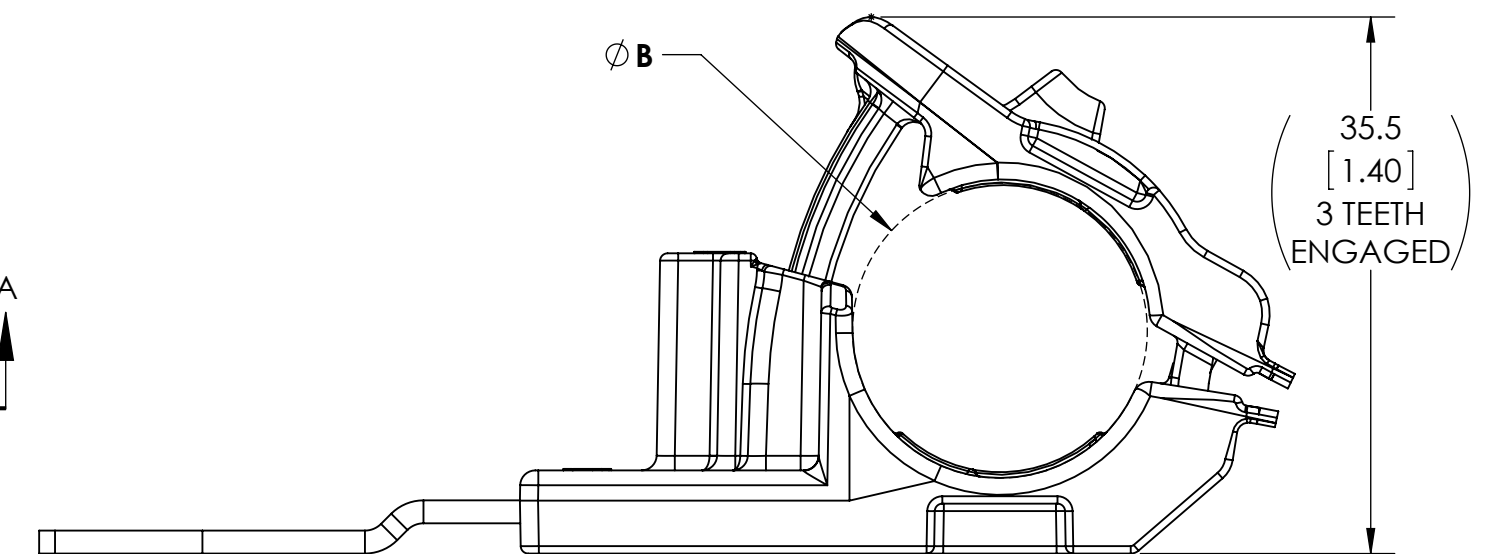


**CONFIGURATION 1 SHOWN
PRODUCT SHIPPED IN CLAMP OPEN POSITION**

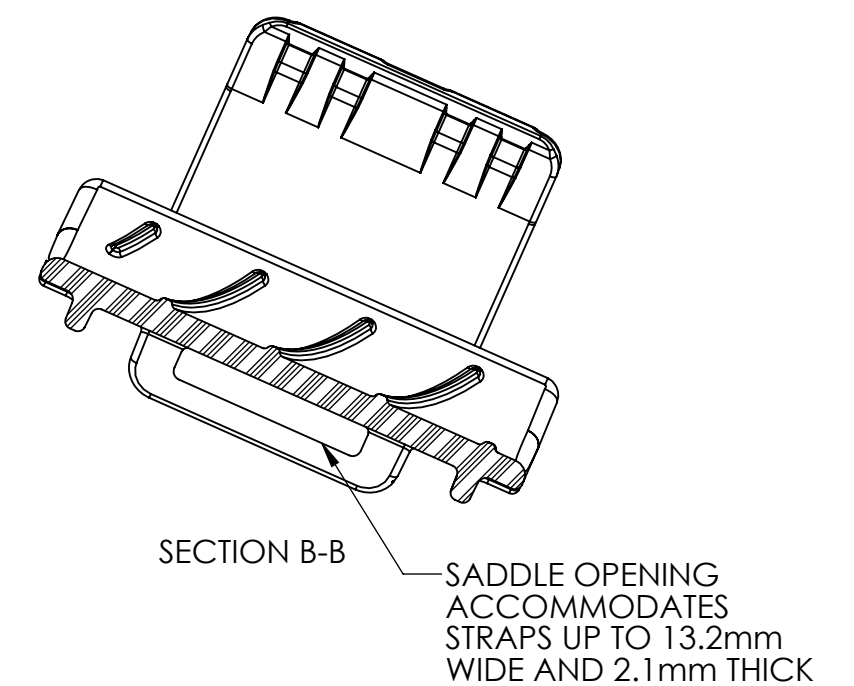
(C)
SEE TABLE ON SHEET 2
FOR OVERALL OPEN
LENGTH OF ALL
CONFIGURATIONS



MINIMUM BUNDLE DIAMETER



MAXIMUM BUNDLE DIAMETER



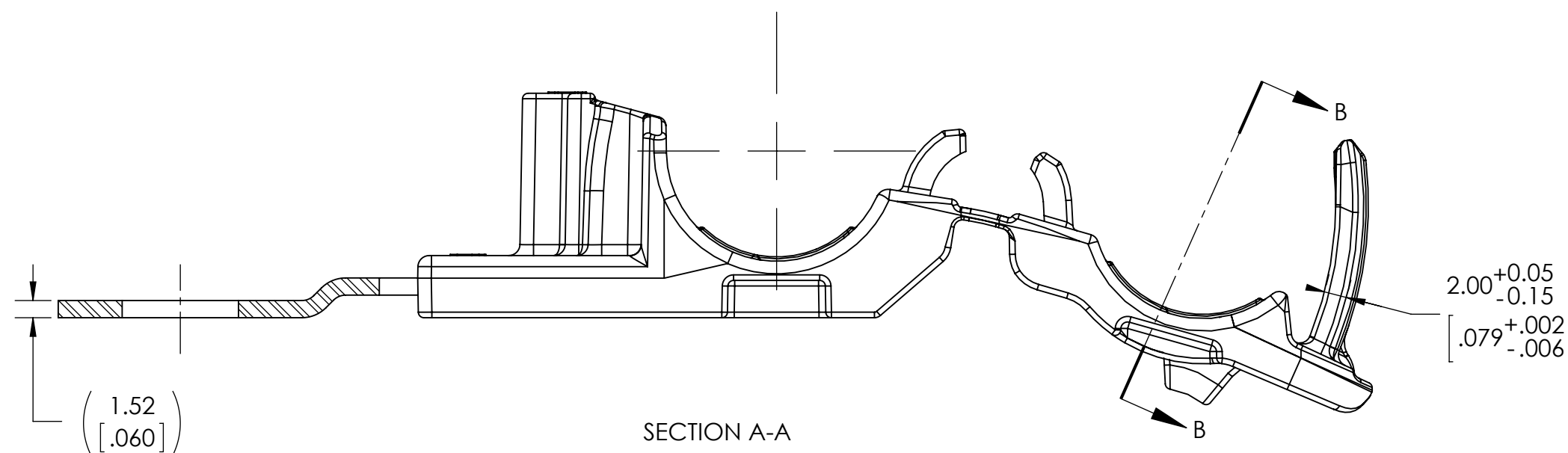
INITIAL MOLD VALIDATION:

1. ITS-0003 RATCHET P CLAMP SOLID MANDREL TEST:
EXCEEDED 445 NEWTONS (100 LBS) MIN AT A
NOMINAL BUNDLE DIAMETER OF 15.88 [0.625]
TESTING ONLY REQUIRED OF CONFIGURATION
*RCB180SM10SS, *RCB180LM10SS, AND *RCB90LM10SS
*TESTING CAN BE SUBSTITUTED WITH M6, M8, M12
VERSION MOUNTING HOLES

2. ITS-0008 CLOSE AND RELEASE TEST:
EXCEEDED 445 NEWTONS (100 LBS) MIN AT A
NOMINAL BUNDLE DIAMETER OF 15.88 [0.625] AFTER
CLOSING AND RELEASING 40 TIMES

3. ITS-0014 LOW TEMPERATURE HINGE TEST:
NO DAMAGE OCCURRED AFTER BENDING LIVING
HINGE 40 TIMES AT -40°C

NOTE: TESTING #2 AND #3 CAN BE DONE ON ANY
TYPE NUMBER AND WILL APPLY TO ALL OTHER TYPE
NUMBERS IN THE TABLE ON SHEET 2



PERFORMANCE REQUIREMENTS:

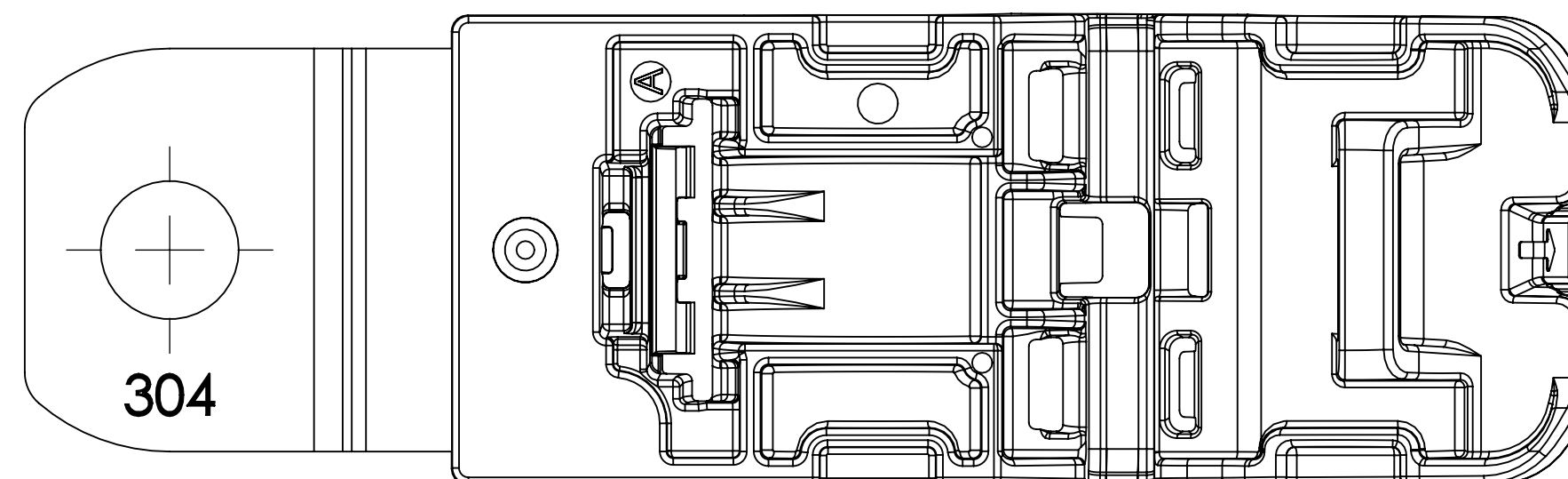
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

4. ITS-0001 RATCHET P CLAMP SPLIT MANDREL TEST:
445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE
DIAMETER OF 15.88 [0.625]

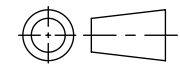
NOTE: TESTING CAN BE DONE ON ANY TYPE NUMBER
AND WILL APPLY TO ALL OTHER TYPE NUMBERS IN THE
TABLE ON SHEET 2

5. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%

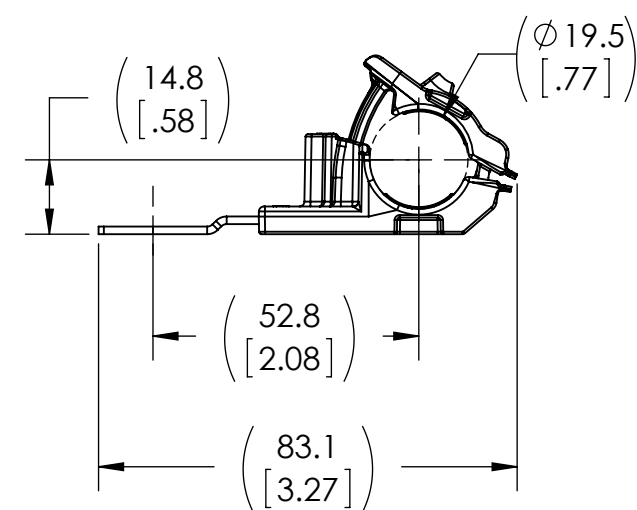
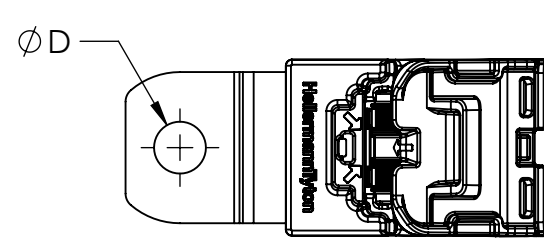
6. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO
BE: 0.25mm



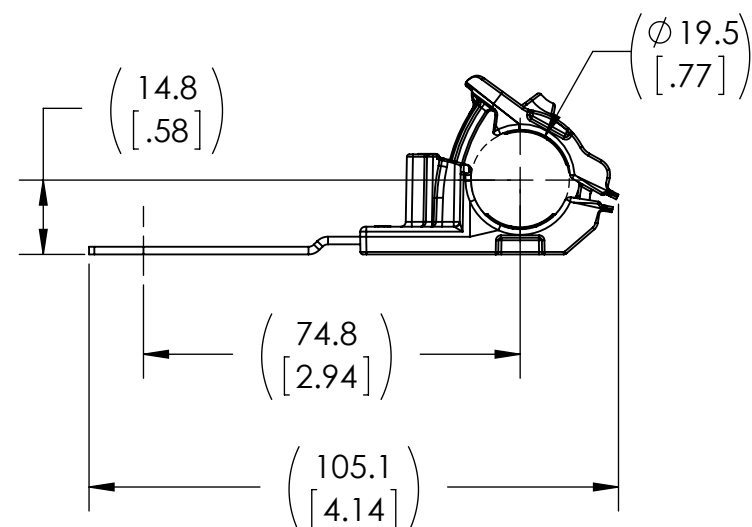
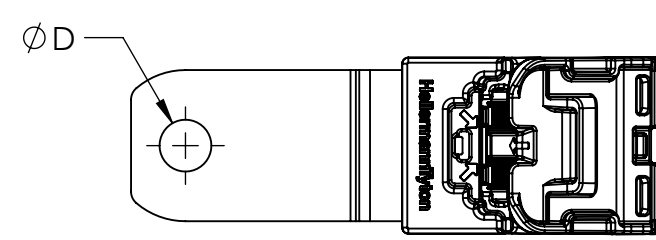
Notes	Material	Units: millimeters Dimension without tolerances details to: .xxx = ±.013 .xx = ±.13 .x = ±.3 None = ±.8 < = ±0.5*	The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied, or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton.	Drawn	CRB	06/28/2016	Article/Type-No	SEE CHART (SHEET 2)	Scale	2:1
				Approved	MHT	06/28/2016	Title	RCB RATCHET P CLAMP, SIZE B, CLAMP RANGE 12.7 TO 19.5, STAINLESS STEEL		
				HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No	16-1242-101-CSU	Format	C
							PRODUCTION : Phase	Sheet	1/2	



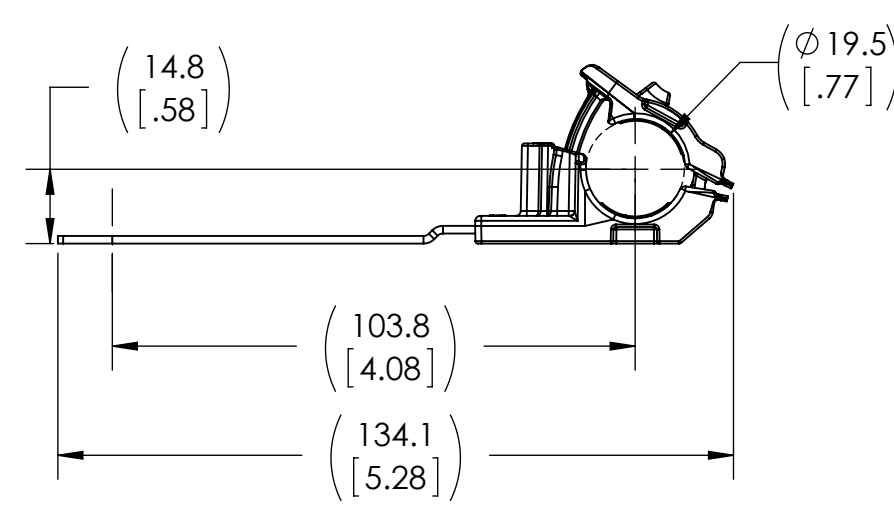
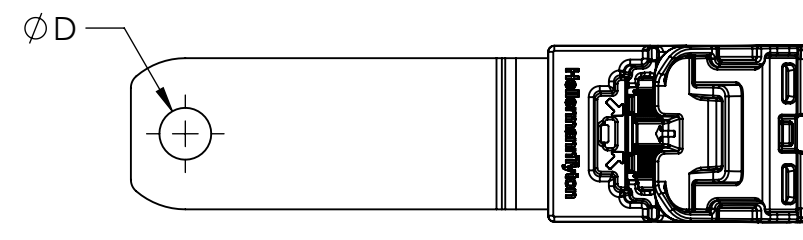
Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 013832	MHT	05/04/2017	KAC	05/04/2017



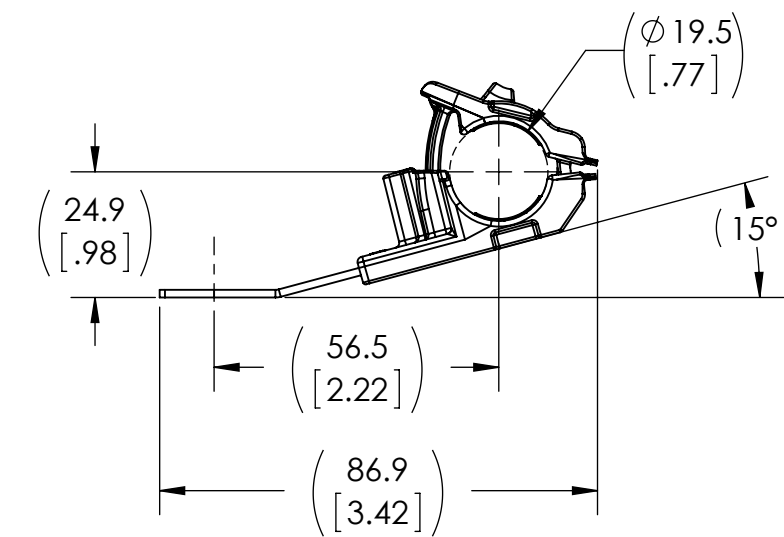
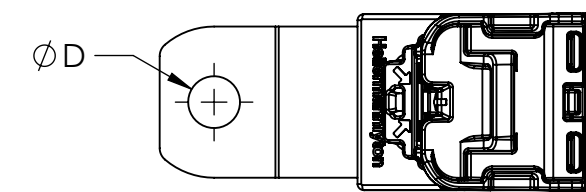
CONFIGURATION: 1



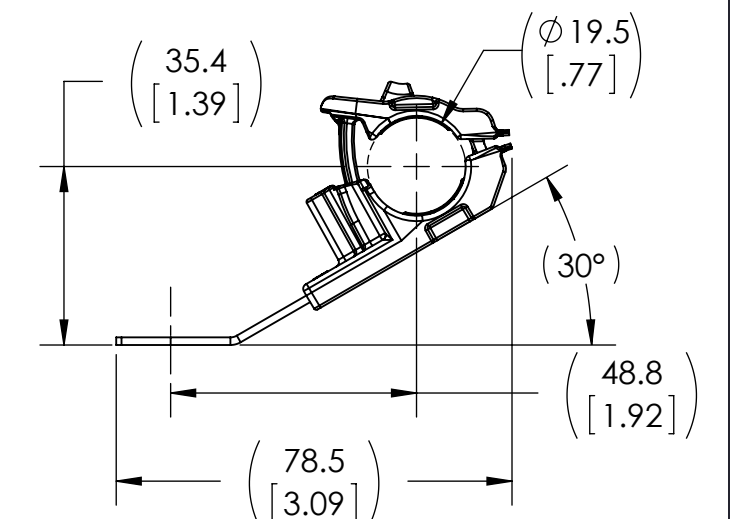
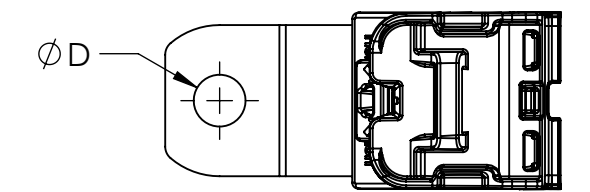
CONFIGURATION: 2



CONFIGURATION: 3

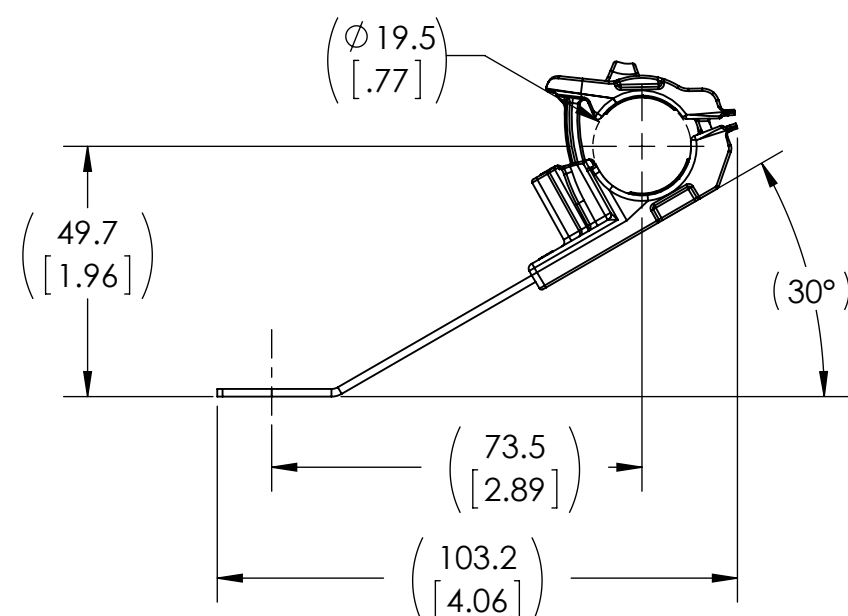
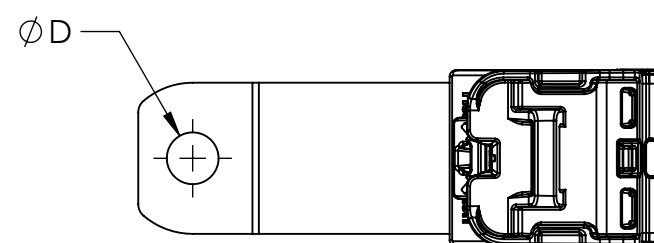


CONFIGURATION: 4

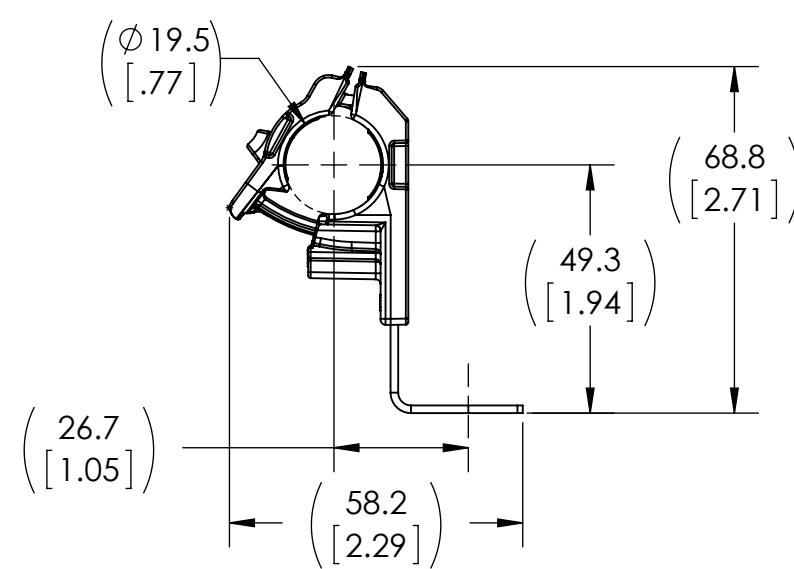
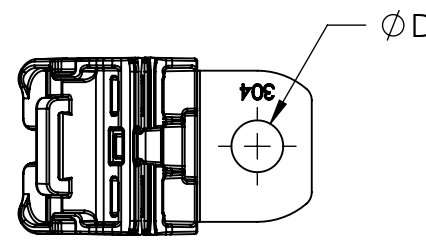


CONFIGURATION: 5

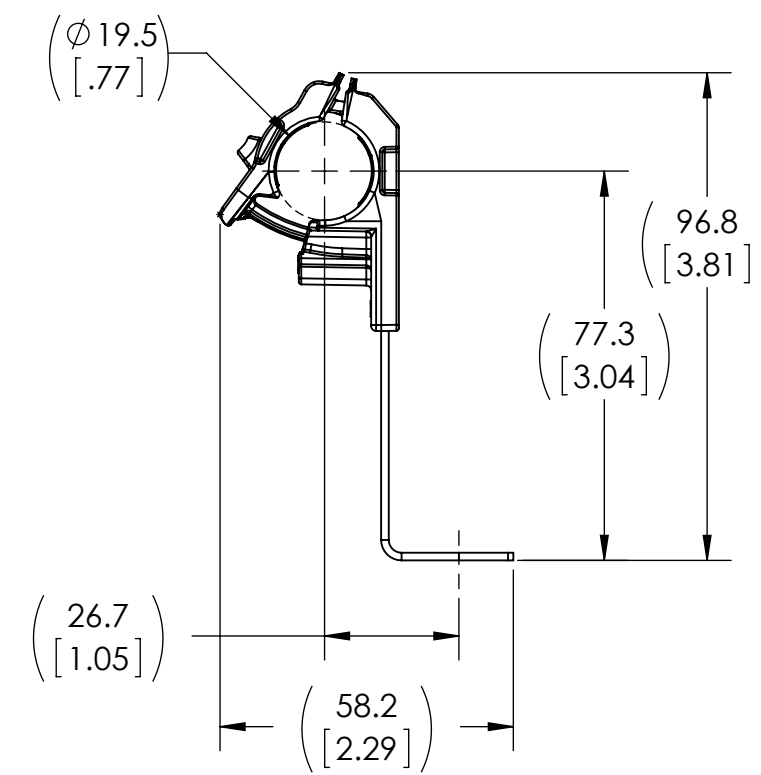
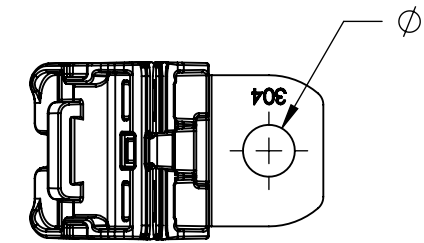
**ALL VIEWS IN MAXIMUM BUNDLE DIAMETER
PRODUCT SHIPPED IN CLAMP OPEN POSITION**



CONFIGURATION: 6



CONFIGURATION: 7



CONFIGURATION: 8

CONFIGURATION	DESCRIPTION	D ±0.13	TYPE	C - OVERALL OPEN LENGTH REFERENCE (SEE SHEET 1)
1	180° SHORT	6.50 [.256]	RCB180SM6SS	116.2 [4.57]
		8.31 [.327]	RCB180SM8SS	
		10.29 [.405]	RCB180SM10SS	
		12.95 [.510]	RCB180SM12SS	
2	180° MEDIUM	6.50 [.256]	RCB180MM6SS	138.2 [5.44]
		8.31 [.327]	RCB180MM8SS	
		10.29 [.405]	RCB180MM10SS	
		12.95 [.510]	RCB180MM12SS	
3	180° LONG	6.50 [.256]	RCB180LM6SS	167.2 [6.58]
		8.31 [.327]	RCB180LM8SS	
		10.29 [.405]	RCB180LM10SS	
		12.95 [.510]	RCB180LM12SS	
4	15° SHORT	6.50 [.256]	RCB15SM6SS	124.1 [4.89]
		8.31 [.327]	RCB15SM8SS	
		10.29 [.405]	RCB15SM10SS	
		12.95 [.510]	RCB15SM12SS	
5	30° SHORT	6.50 [.256]	RCB30SM6SS	122.0 [4.80]
		8.31 [.327]	RCB30SM8SS	
		10.29 [.405]	RCB30SM10SS	
		12.95 [.510]	RCB30SM12SS	
6	30° LONG	6.50 [.256]	RCB30LM6SS	150.5 [5.93]
		8.31 [.327]	RCB30LM8SS	
		10.29 [.405]	RCB30LM10SS	
		12.95 [.510]	RCB30LM12SS	
7	90° SHORT	6.50 [.256]	RCB90SM6SS	101.9 [4.01]
		8.31 [.327]	RCB90SM8SS	
		10.29 [.405]	RCB90SM10SS	
		12.95 [.510]	RCB90SM12SS	
8	90° LONG	6.50 [.256]	RCB90LM6SS	129.9 [5.11]
		8.31 [.327]	RCB90LM8SS	
		10.29 [.405]	RCB90LM10SS	
		12.95 [.510]	RCB90LM12SS	

Notes	Material	Units: millimeters	Drawn	CRB	06/28/2016	Article/Type-No	SEE CHART	Scale	2:3	
	1. PA66HIRHSUV	Dimension without tolerances details to:	Approved	MHT	06/28/2016	Title	RCB RATCHET P CLAMP, SIZE B, CLAMP RANGE 12.7 TO 19.5, STAINLESS STEEL	Project Number	PRP16-1242	
	2. STAINLESS STEEL	.xxx = ±.013 .xx = ±.13 .x = ±.3 None = ±.8 < = ±0.5*	The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied, or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton.		HellermannTyton		Drawing-No	PRODUCTION : Phase	Format	C
		Dimension Formatted mm{in}	North America Email: corp@htamericas.com Web: www.hellermann.tyton.com		16-1242-101-CSU		Sheet	2/2		