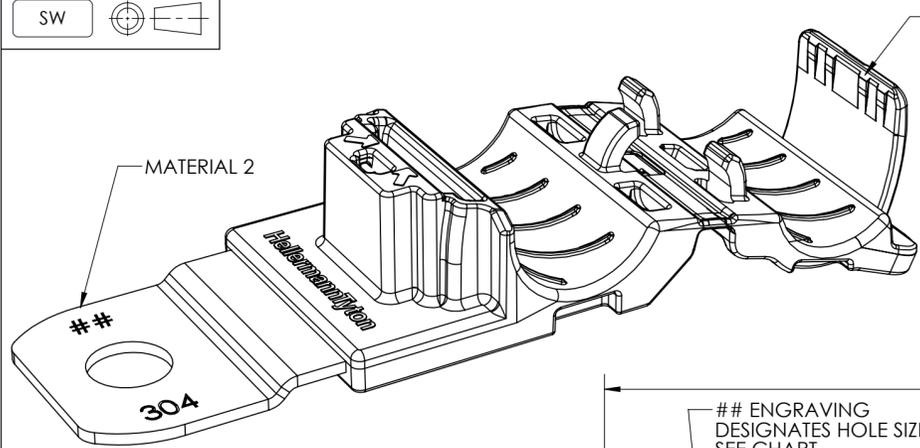
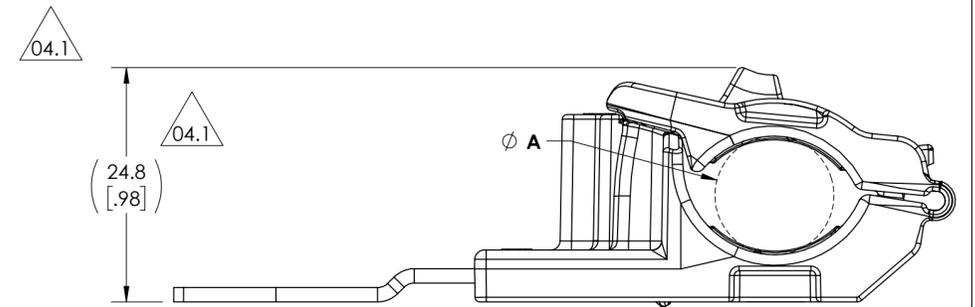
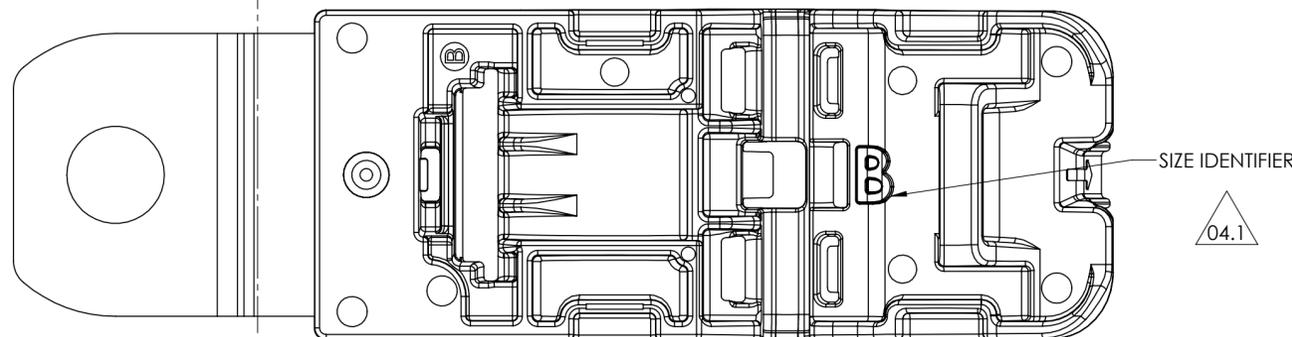
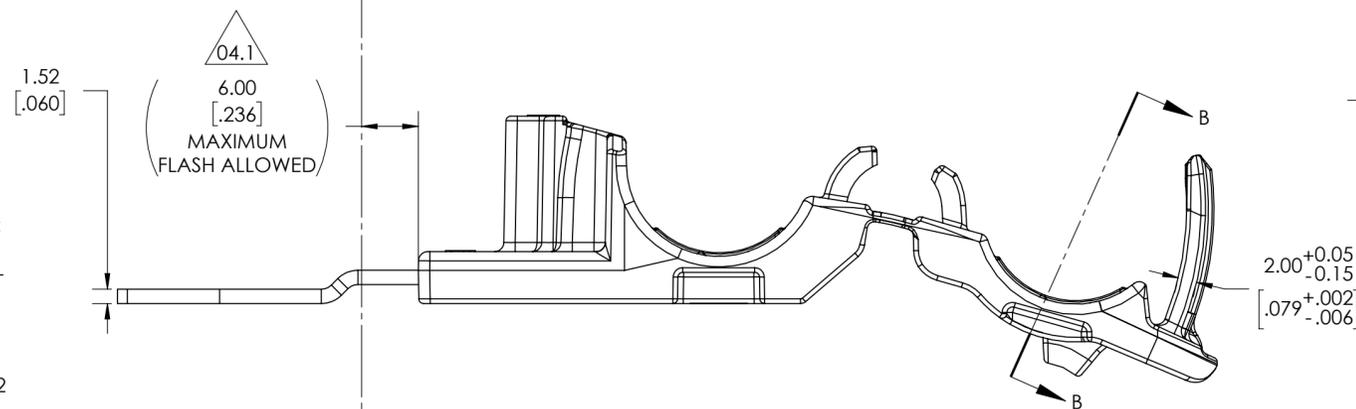
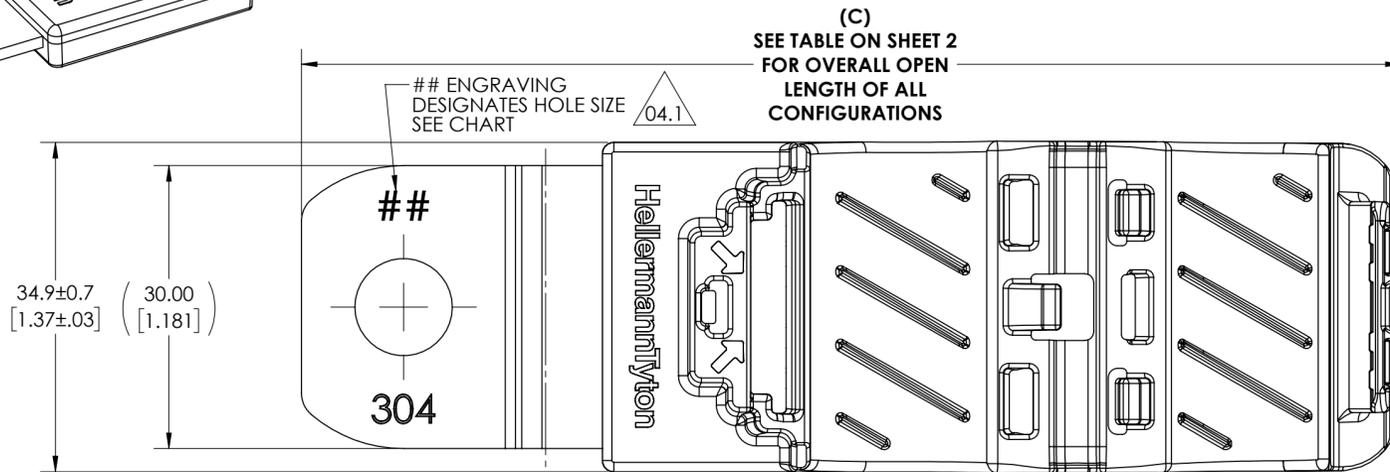


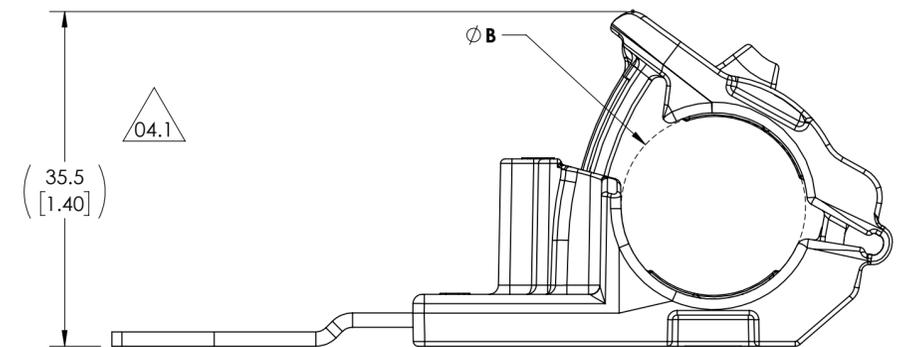
Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
04.1	Design Release	B	SEE ECN# 015124	CTF	05/07/2019	MHT	05/07/2019



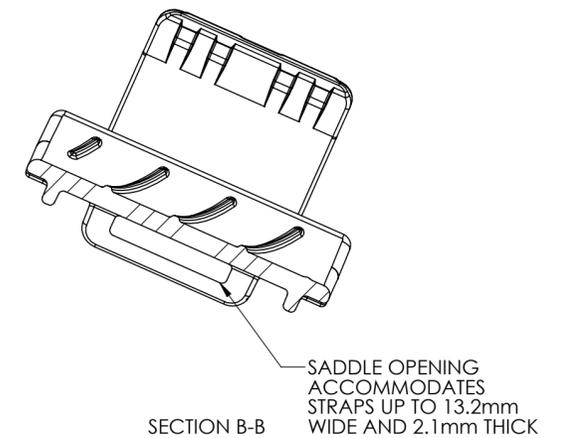
**CONFIGURATION 1 SHOWN
PRODUCT SHIPPED IN CLAMP OPEN POSITION**



MINIMUM BUNDLE DIAMETER



MAXIMUM BUNDLE DIAMETER



INITIAL MOLD VALIDATION:
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

1. ITS-0003 RATCHET 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 RATCHET CLAMP CLOSE & 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 RATCHET CLAMP LOW TEMP HINGE TEST: NO DAMAGE OCCURRED AFTER BENDING LIVING HINGE 40 TIMES AT -40°C

PERFORMANCE REQUIREMENTS:
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

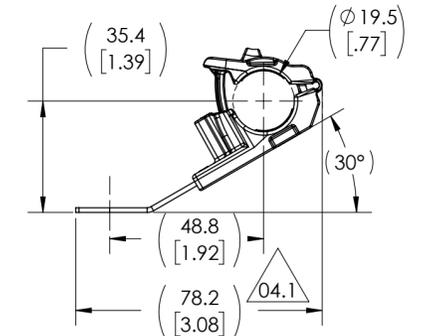
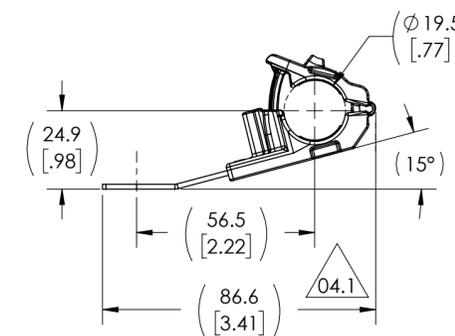
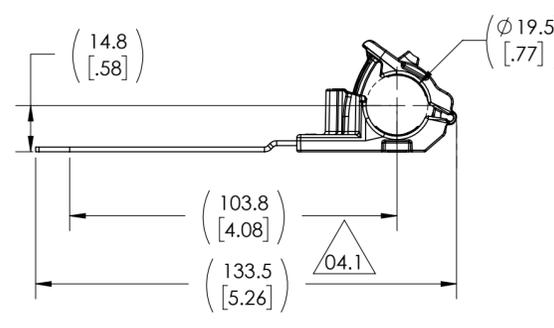
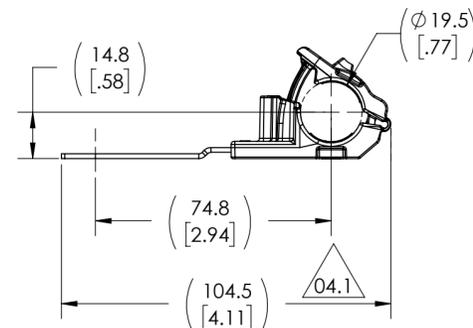
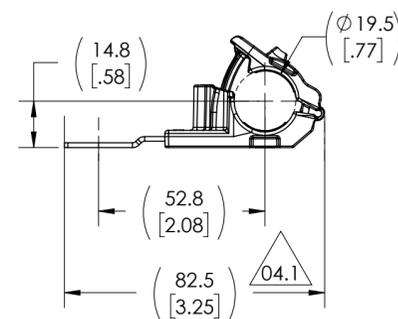
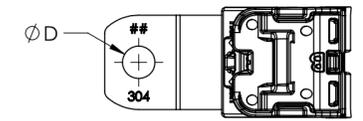
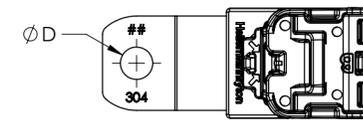
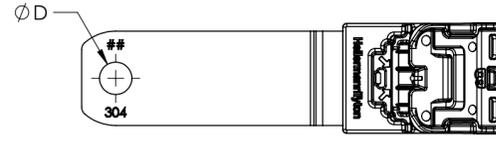
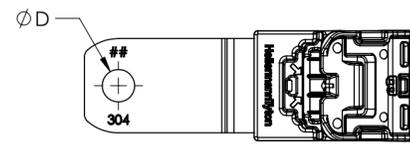
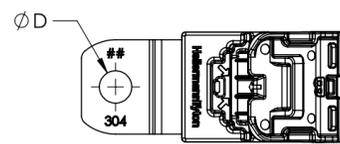
- 4. ITS-0001 RATCHET CLAMP SPLIT MANDREL TEST: 445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 15.88 [0.625]
- 5. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
- 6. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm

NOTE: TESTING #2, #3 AND #4 CAN BE DONE ON ANY TYPE NUMBER AND WILL APPLY TO ALL OTHER TYPE NUMBERS IN THE TABLE ON SHEET 2

BUNDLE TYPES	A MINIMUM DIAMETER	B MAXIMUM DIAMETER
SOFT	12.7 [.50]	19.5 [.77]
HARD	11.9 [.47]	18.7 [.74]

Notes	Material 1. PA66HIRHSUV 2. STAINLESS STEEL	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					
				HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann-tyton.com					Title RCB RATCHET P CLAMP, SIZE B, CLAMP RANGE 12.7 TO 19.5, STAINLESS STEEL		Project Number PRP16-1242
									Drawing-No 16-1242-101-CSU		PRODUCTION : Phase Format C Sheet 1/2

Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
04.1	Design Release	B	SEE ECN# 015124	CTF	05/07/2019	MHT	05/07/2019



CONFIGURATION: 1

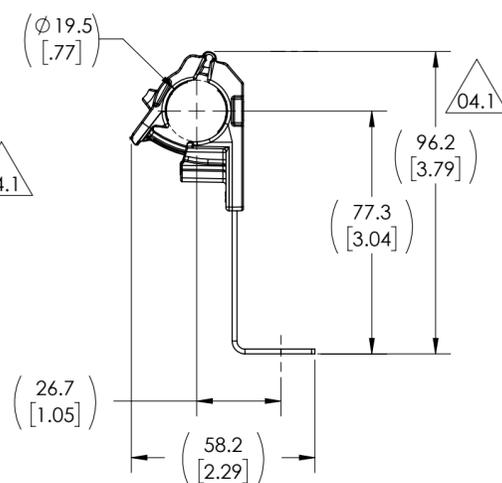
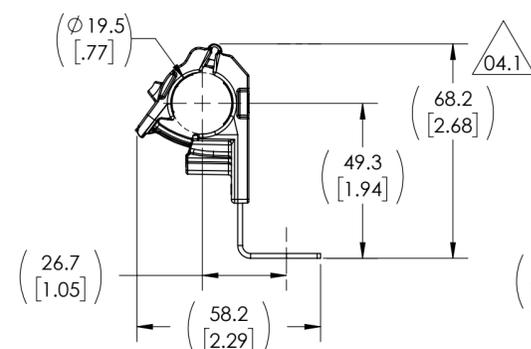
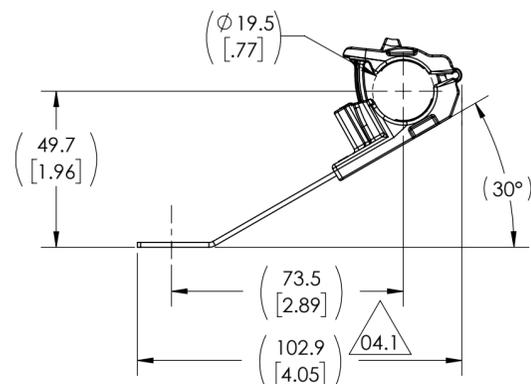
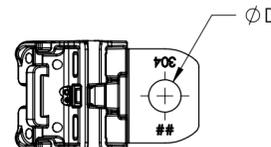
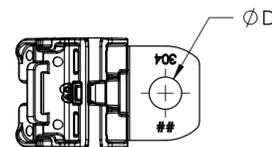
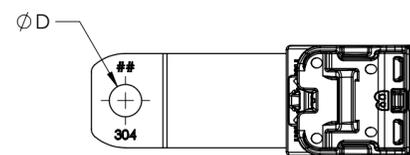
CONFIGURATION: 2

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	## ENGRAVING	C - OVERALL OPEN LENGTH REFERENCE (SEE SHEET 1)
1	180° SHORT	6.50 [.256]	RCB180SM6SS	6	116.2 [4.57]
		8.31 [.327]	RCB180SM8SS	8	
		10.29 [.405]	RCB180SM10SS	10	
		12.95 [.510]	RCB180SM12SS	12	
2	180° MEDIUM	6.50 [.256]	RCB180MM6SS	6	138.2 [5.44]
		8.31 [.327]	RCB180MM8SS	8	
		10.29 [.405]	RCB180MM10SS	10	
3	180° LONG	6.50 [.256]	RCB180LM6SS	6	167.2 [6.58]
		8.31 [.327]	RCB180LM8SS	8	
		10.29 [.405]	RCB180LM10SS	10	
4	15° SHORT	6.50 [.256]	RCB15SM6SS	6	124.1 [4.89]
		8.31 [.327]	RCB15SM8SS	8	
		10.29 [.405]	RCB15SM10SS	10	
5	30° SHORT	6.50 [.256]	RCB30SM6SS	6	122.0 [4.80]
		8.31 [.327]	RCB30SM8SS	8	
		10.29 [.405]	RCB30SM10SS	10	
6	30° LONG	6.50 [.256]	RCB30LM6SS	6	150.5 [5.93]
		8.31 [.327]	RCB30LM8SS	8	
		10.29 [.405]	RCB30LM10SS	10	
7	90° SHORT	6.50 [.256]	RCB90SM6SS	6	101.9 [4.01]
		8.31 [.327]	RCB90SM8SS	8	
		10.29 [.405]	RCB90SM10SS	10	
8	90° LONG	6.50 [.256]	RCB90LM6SS	6	129.9 [5.11]
		8.31 [.327]	RCB90LM8SS	8	
		10.29 [.405]	RCB90LM10SS	10	
		12.95 [.510]	RCB90LM12SS	12	

Notes	Material 1. PA66HIRHSUV 2. STAINLESS STEEL	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	Scale 2:3
				Approved	MHT	06/28/2016		
				HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No 16-1242-101-CSU	PRODUCTION : Phase Format C Sheet 2/2