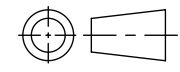
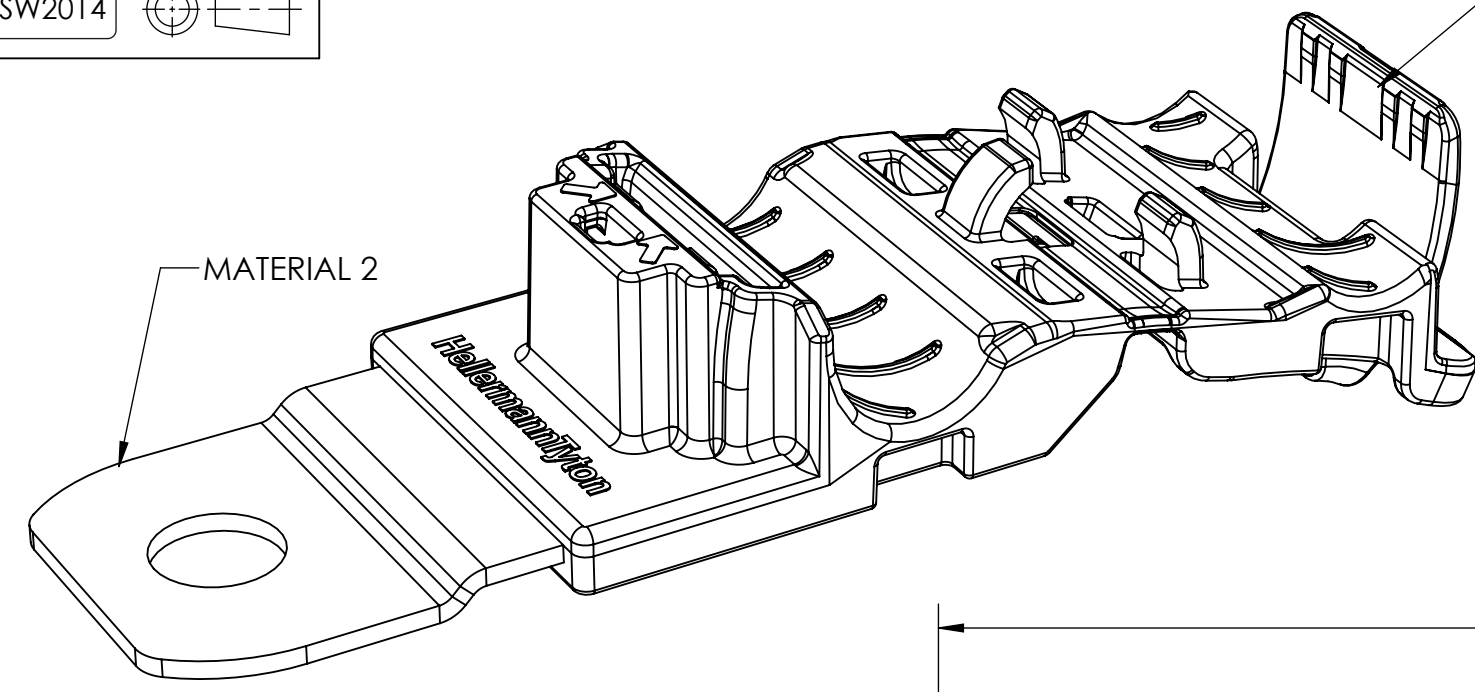


SW2014

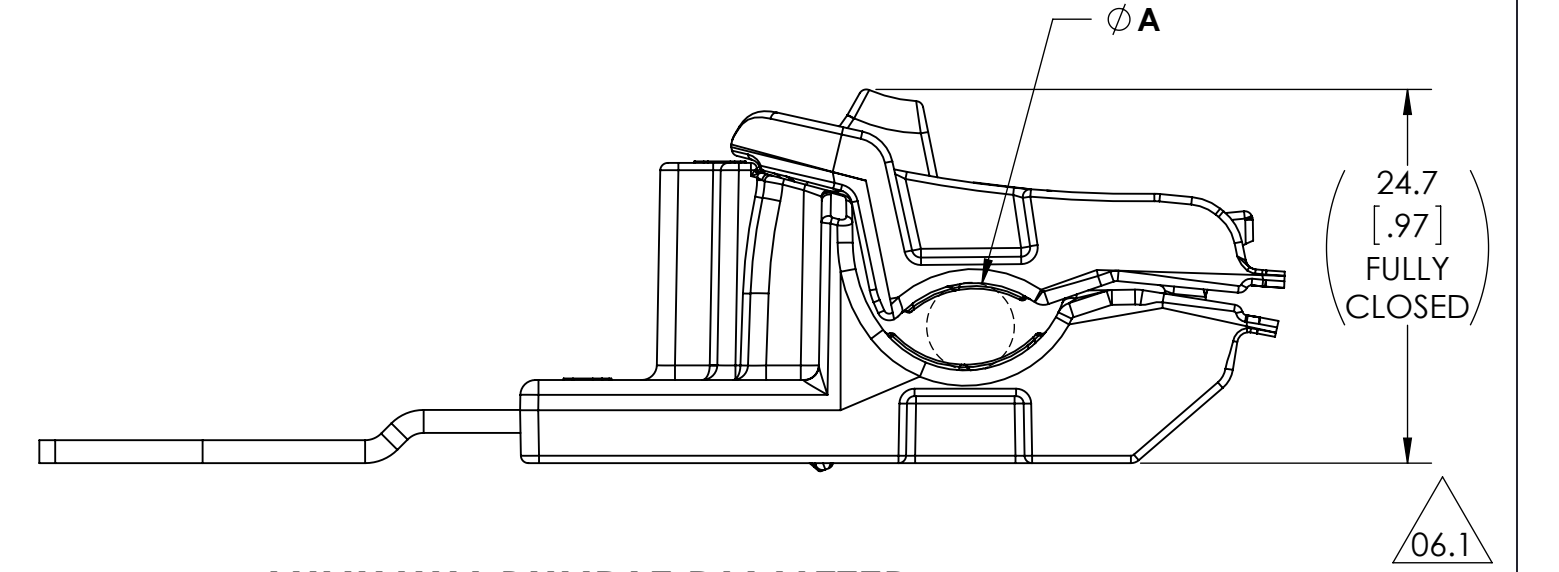
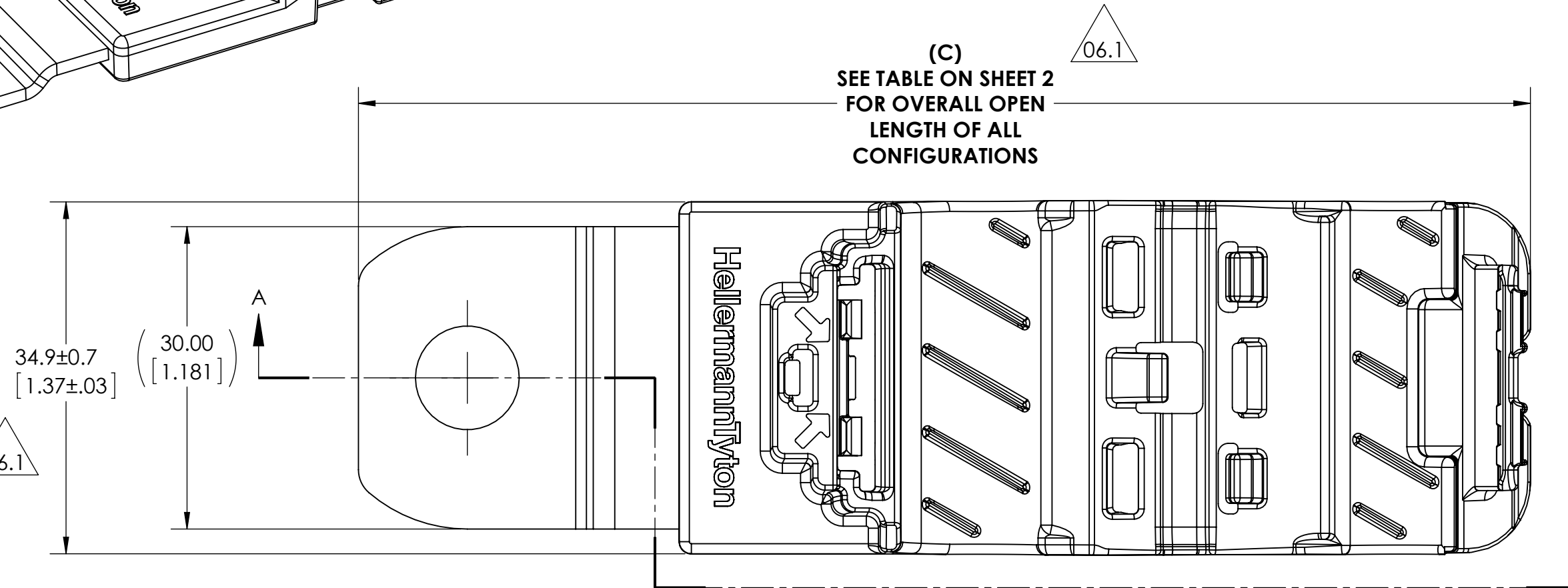


MATERIAL 1

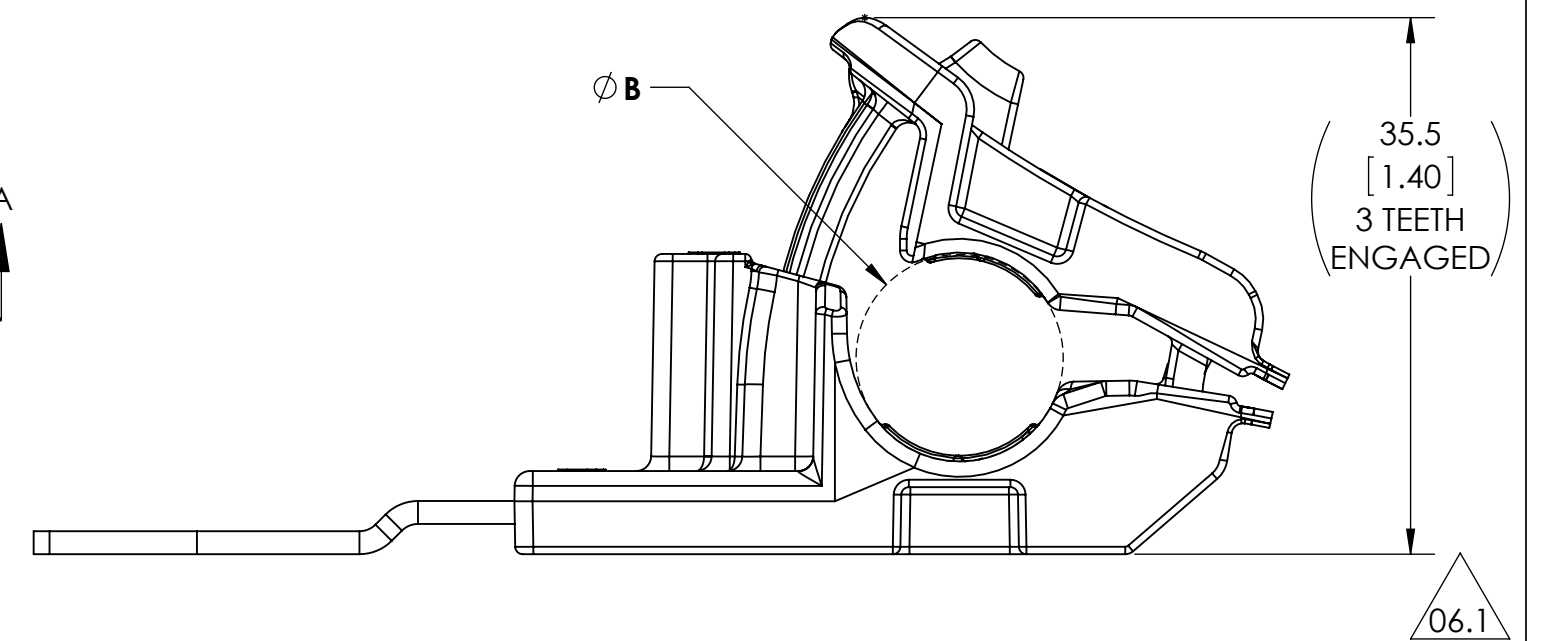
Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
06.1	Design Release	A	SEE ECN# 013325	MHT	3/25/2016	MHT	3/25/2016



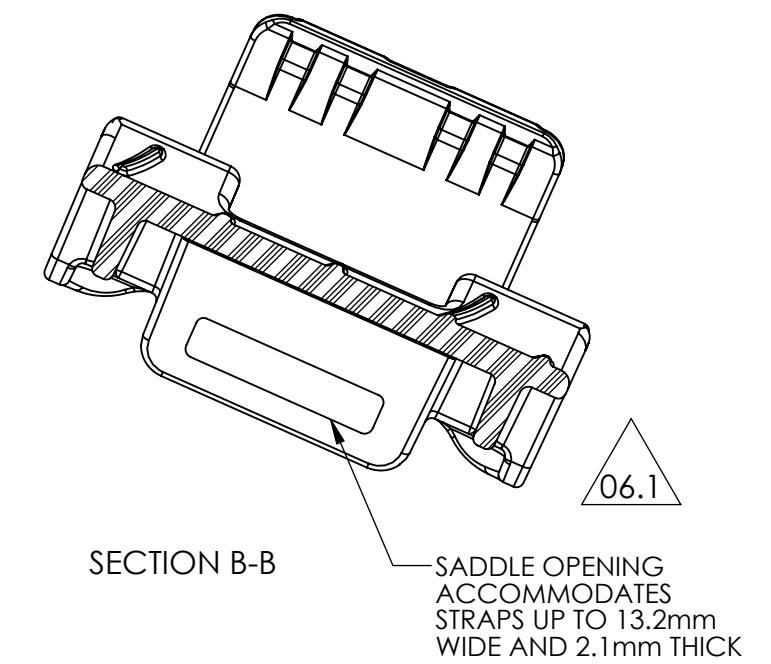
**CONFIGURATION 1 SHOWN
PRODUCT SHIPPED IN CLAMP OPEN POSITION**



MINIMUM BUNDLE DIAMETER



MAXIMUM BUNDLE DIAMETER



06.1

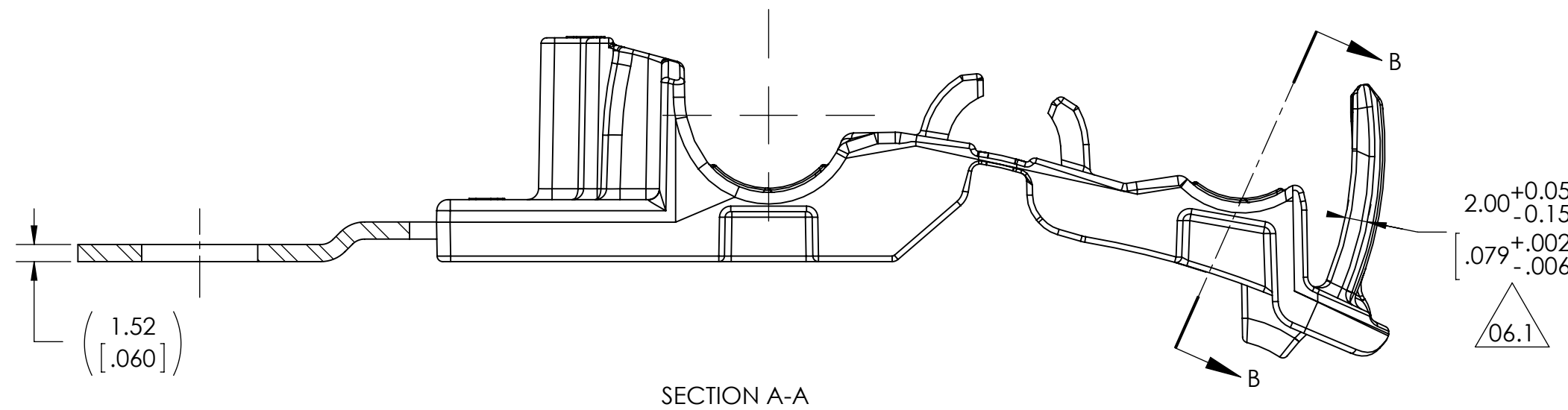
INITIAL MOLD VALIDATION:

1. ITS-0003 RATCHET P CLAMP SOLID MANDREL TEST: EXCEEDED 445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 9.53 [0.375] TESTING ONLY REQUIRED OF CONFIGURATION *RCA180SM10, *RCA180LM10, AND *RCA90LM10 *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 9.53 [0.375] AFTER CLOSING AND RELEASING 40 TIMES

3. ITS-0014 LOW TEMPERATURE HINGE TEST: NO DAMAGE OCCURED 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



06.1

PERFORMANCE REQUIREMENTS:

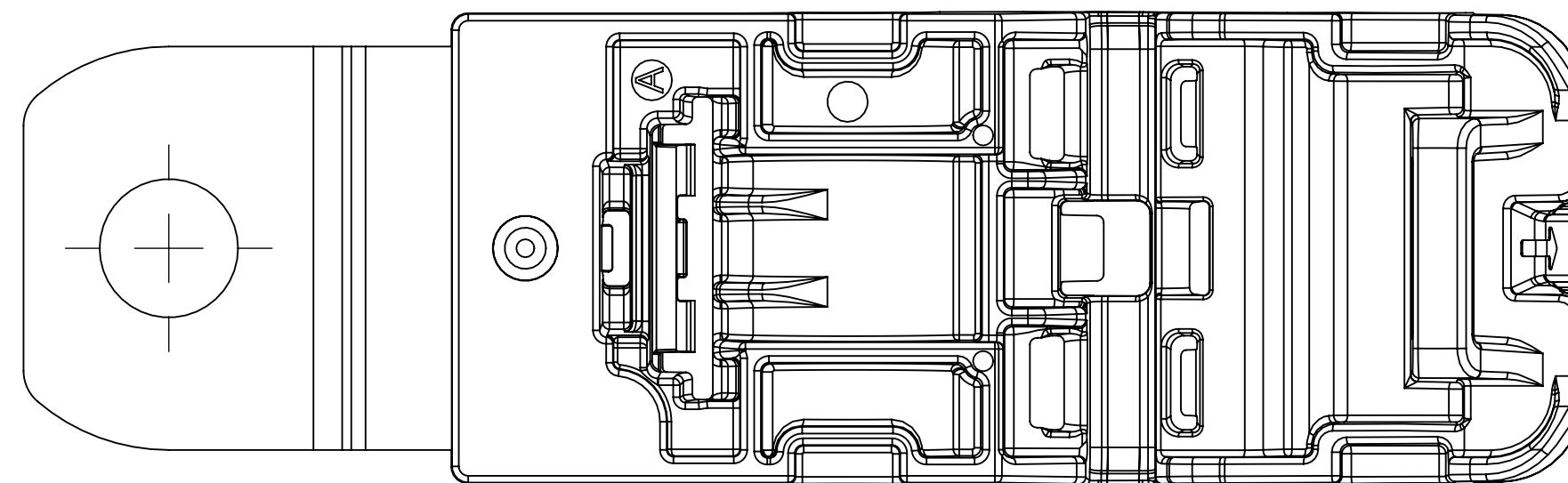
DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

4. ITS-0001 RATCHET P CLAMP SPLIT MANDREL TEST: 445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 9.53 [0.375]

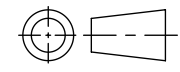
NOTE: TESTING CAN BE DONE ON ANY TYPE NUMBER AND WILL APPLY TO ALL OTHER TYPE NUMBERS IN THE TABLE ON SHEET 2

5. MAXIMUM PERCENT REGRIND PERMISSABLE: 25%

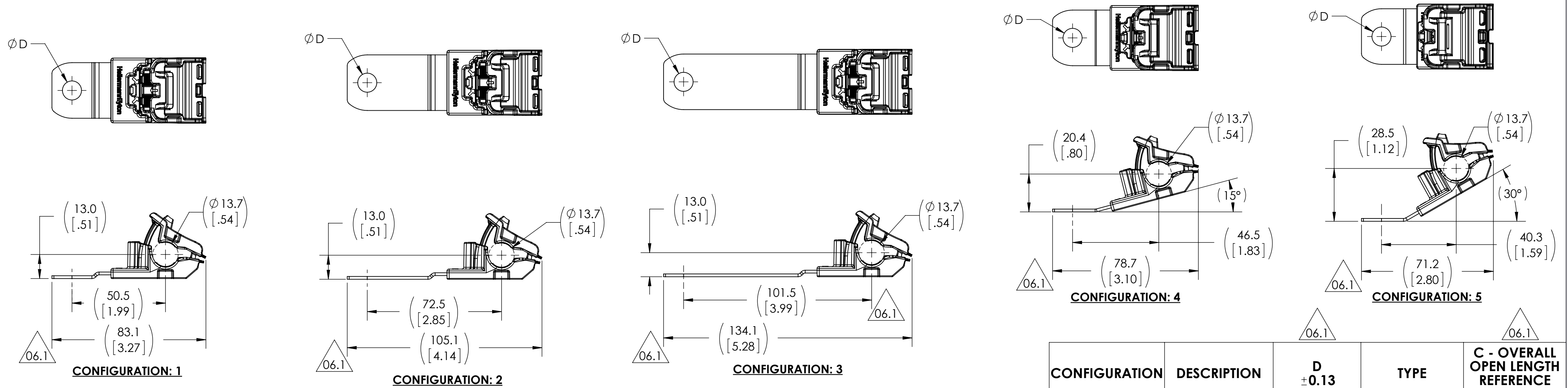
6. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm



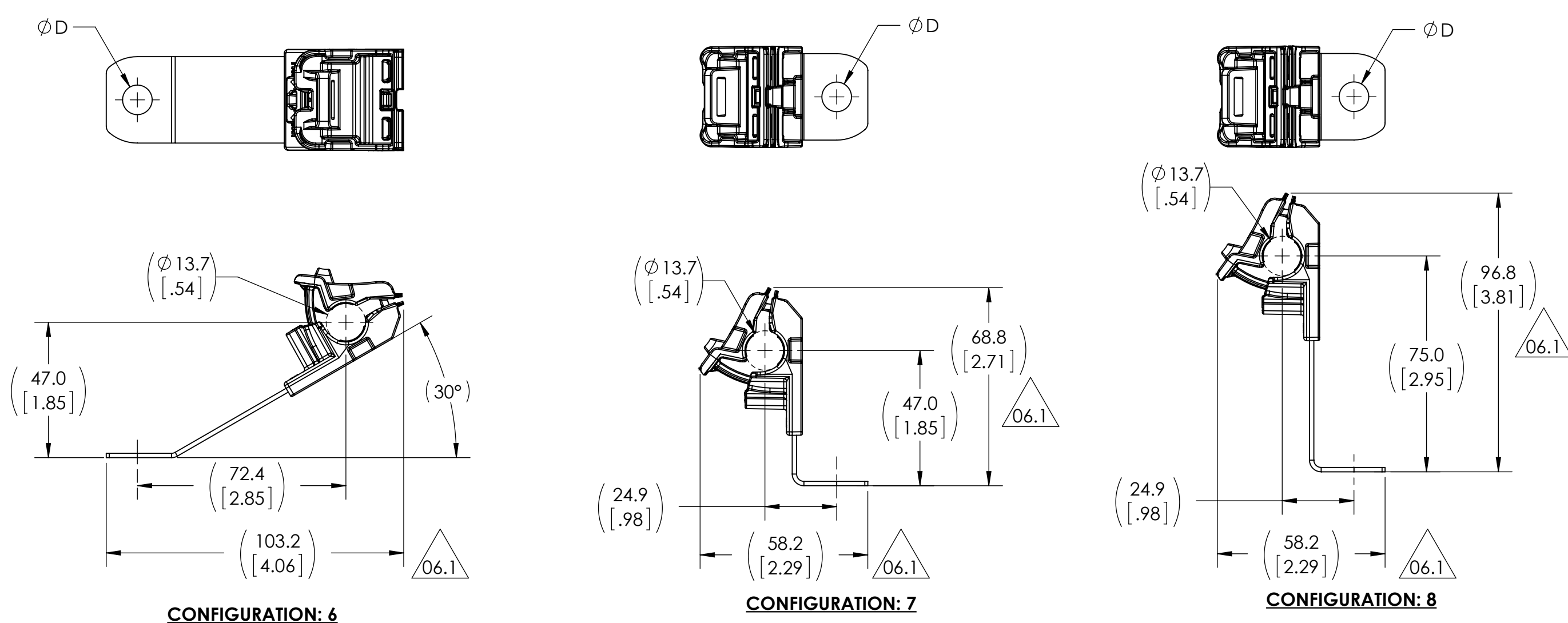
Notes	Material	Units: millimeters Dimension without tolerances details to: .xxx = ±.013 .xx = ±.13 .x = ±.3 None = ±.8 < = ±0.5*	The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied, or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton.	Drawn	MHT	05/26/2015	Article/Type-No SEE CHART (SHEET 2)	Scale 2:1
				Approved	KAC	05/28/2015		
	1. PA66HIRHSUV 2. ZINC PLATED STEEL			HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No 15-0341-102-CSU	Production : Phase Format C Sheet 1/2



Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
06.1	Design Release	A	SEE ECN# 013325	MHT	3/25/2016	MHT	3/25/2016



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



CONFIGURATION	DESCRIPTION	D ±0.13	TYPE	C - OVERALL OPEN LENGTH REFERENCE (SEE SHEET 1)
1	180° SHORT	6.50 [.256]	RCA180SM6	116.2 [4.58]
		8.31 [.327]	RCA180SM8	
		10.29 [.405]	RCA180SM10	
		12.95 [.510]	RCA180SM12	
2	180° MEDIUM	6.50 [.256]	RCA180MM6	138.2 [5.44]
		8.31 [.327]	RCA180MM8	
		10.29 [.405]	RCA180MM10	
3	180° LONG	6.50 [.256]	RCA180LM6	167.2 [6.58]
		8.31 [.327]	RCA180LM8	
		10.29 [.405]	RCA180LM10	
4	15° SHORT	6.50 [.256]	RCA15SM6	115.6 [4.55]
		8.31 [.327]	RCA15SM8	
		10.29 [.405]	RCA15SM10	
5	30° SHORT	6.50 [.256]	RCA30SM6	113.5 [4.47]
		8.31 [.327]	RCA30SM8	
		10.29 [.405]	RCA30SM10	
6	30° LONG	6.50 [.256]	RCA30LM6	150.5 [5.93]
		8.31 [.327]	RCA30LM8	
		10.29 [.405]	RCA30LM10	
7	90° SHORT	6.50 [.256]	RCA90SM6	101.9 [4.01]
		8.31 [.327]	RCA90SM8	
		10.29 [.405]	RCA90SM10	
8	90° LONG	6.50 [.256]	RCA90LM6	129.9 [5.12]
		8.31 [.327]	RCA90LM8	
		10.29 [.405]	RCA90LM10	
		12.95 [.510]	RCA90LM12	

Notes	Material	Units: millimeters	Drawn	MHT	05/26/2015	Article/Type-No	SEE CHART	Scale	2:3	
	1. PA66HIRHSUV	Dimension without tolerances details to:	Approved	KAC	05/28/2015	Title	RCA RATCHET P CLAMP, SIZE A, CLAMP RANGE 6.0 TO 13.7	Project Number	PRP15-0341	
	2. ZINC PLATED 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	15-0341-102-CSU	Format	C
		Dimension Formatted mm{in}	North America Email: corp@htamericas.com Web: www.hellermann.tyton.com		Production : Phase		Sheet	2/2		