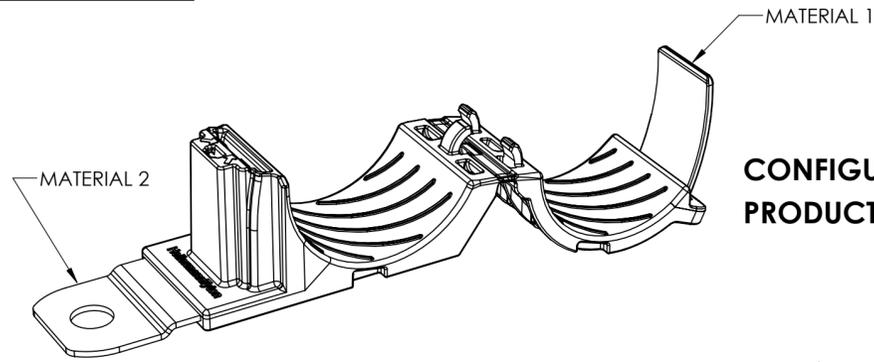
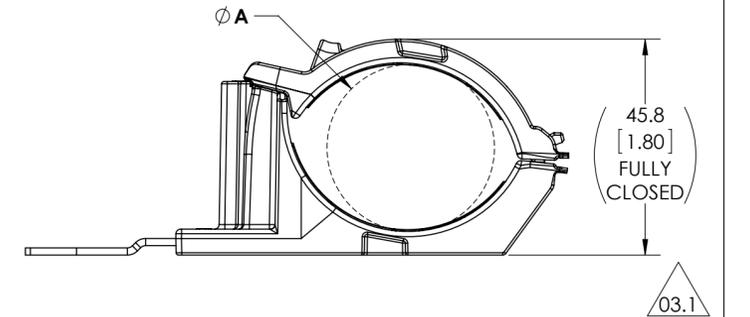
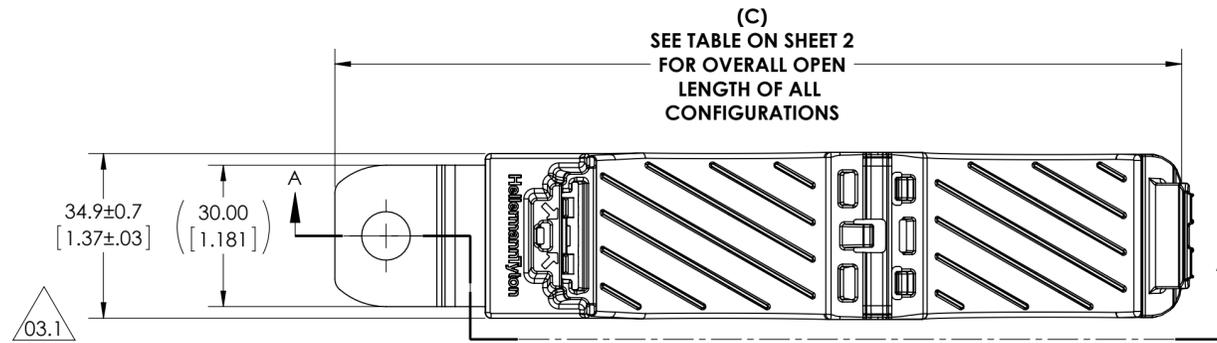


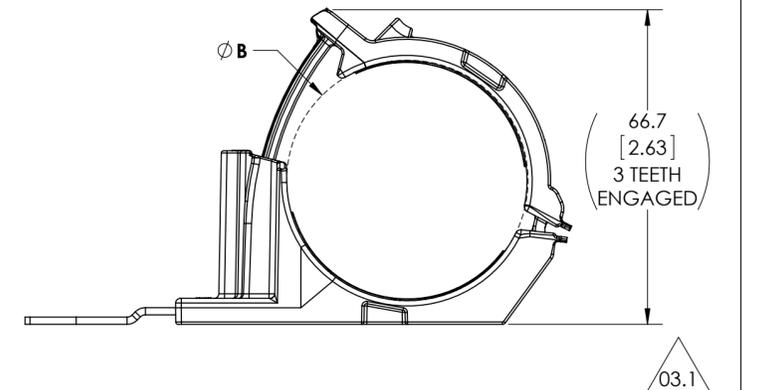
Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	A	SEE ECN# 013325	KEP	3/25/2016	MHT	3/25/2016



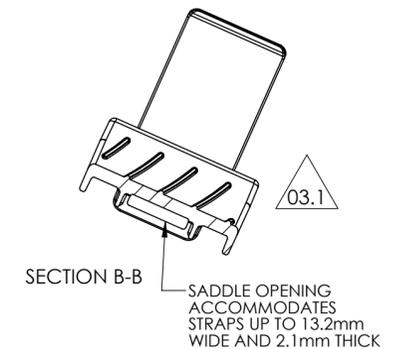
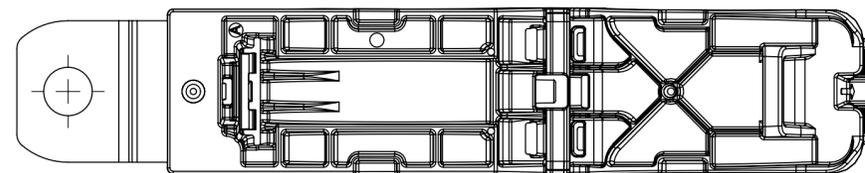
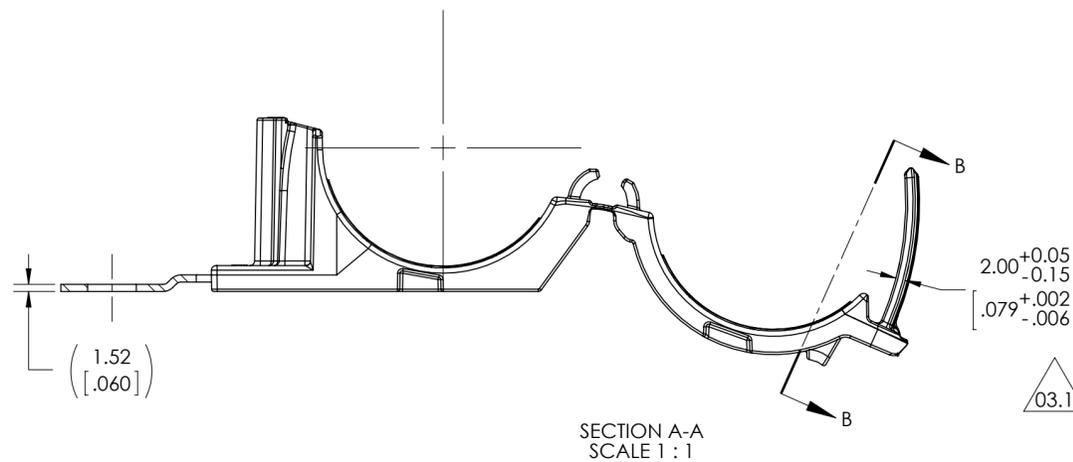
**CONFIGURATION 1 SHOWN  
PRODUCT SHIPPED IN CLAMP OPEN POSITION**



**MINIMUM BUNDLE DIAMETER**



**MAXIMUM BUNDLE DIAMETER**



BUNDLE TYPES	A	B
	MINIMUM DIAMETER	MAXIMUM DIAMETER
SOFT	36.0 [1.42]	51.0 [2.00]
HARD	35.2 [1.39]	49.9 [1.96]

**INITIAL MOLD VALIDATION:**

1. ITS-0003 RATCHET P CLAMP SOLID MANDREL TEST: EXCEEDED 445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE DIAMETER OF 44.45 [1.750] TESTING ONLY REQUIRED OF CONFIGURATION \*RCD180SM10, \*RCD180LM10, AND \*RCD90LM10 \*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 44.45 [1.750] 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

**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 44.45 [1.750]

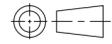
NOTE: TESTING CAN BE DONE ON ANY TYPE NUMBER AND WILL APPLY TO ALL OTHER TYPE NUMBERS IN THE TABLE ON SHEET 2

5. MAXIMUM PERCENT REGRIND PERMISSABLE: 25%

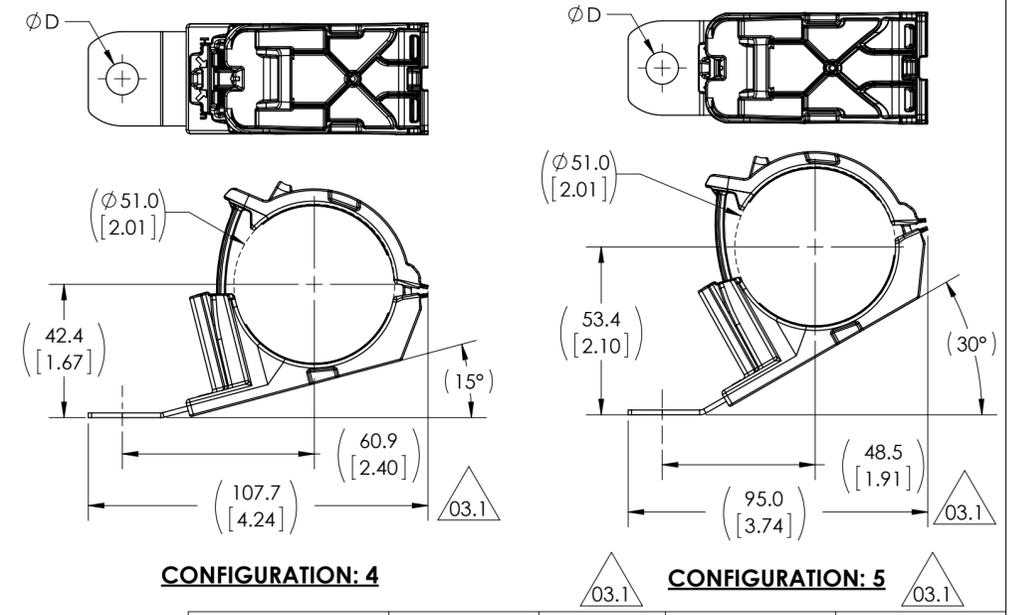
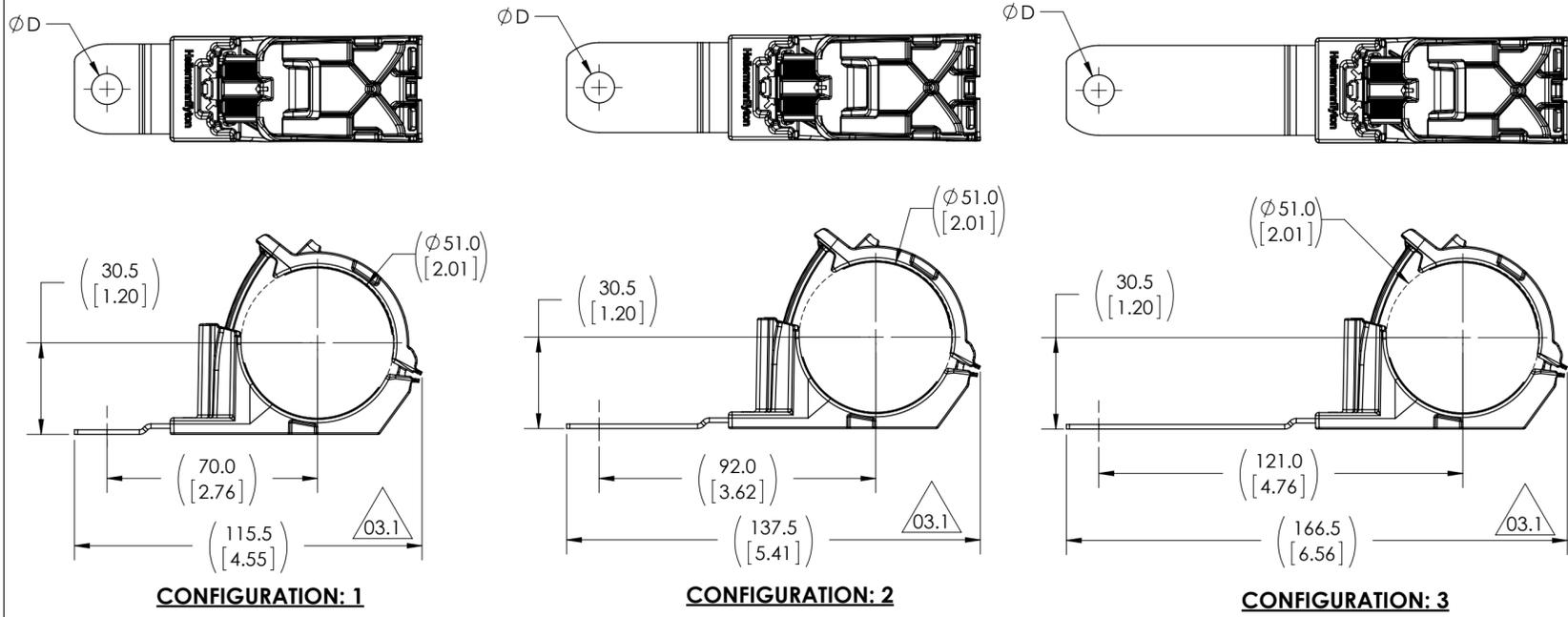
6. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO BE: 0.25mm

Notes	Material 1. PA66HIRHSUV 2. ZINC PLATED STEEL	Units: millimeters Dimension without tolerances details to: .xxx = ±.013 .xx = ±.13 .x = ±.3 None = ±.8 ∠ = ±0.5° Dimension Formatted mm{in}	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	KEP	08/21/2015	Article/Type-No SEE CHART (SHEET 2)	Scale 1:1	
				Approved	MHT	8/21/2015			Title RCD RATCHET P CLAMP, SIZE D, CLAMP RANGE 36.0 TO 51.0
				HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No 15-0341-104-CSU	Production : Phase Format C	Sheet 1/2

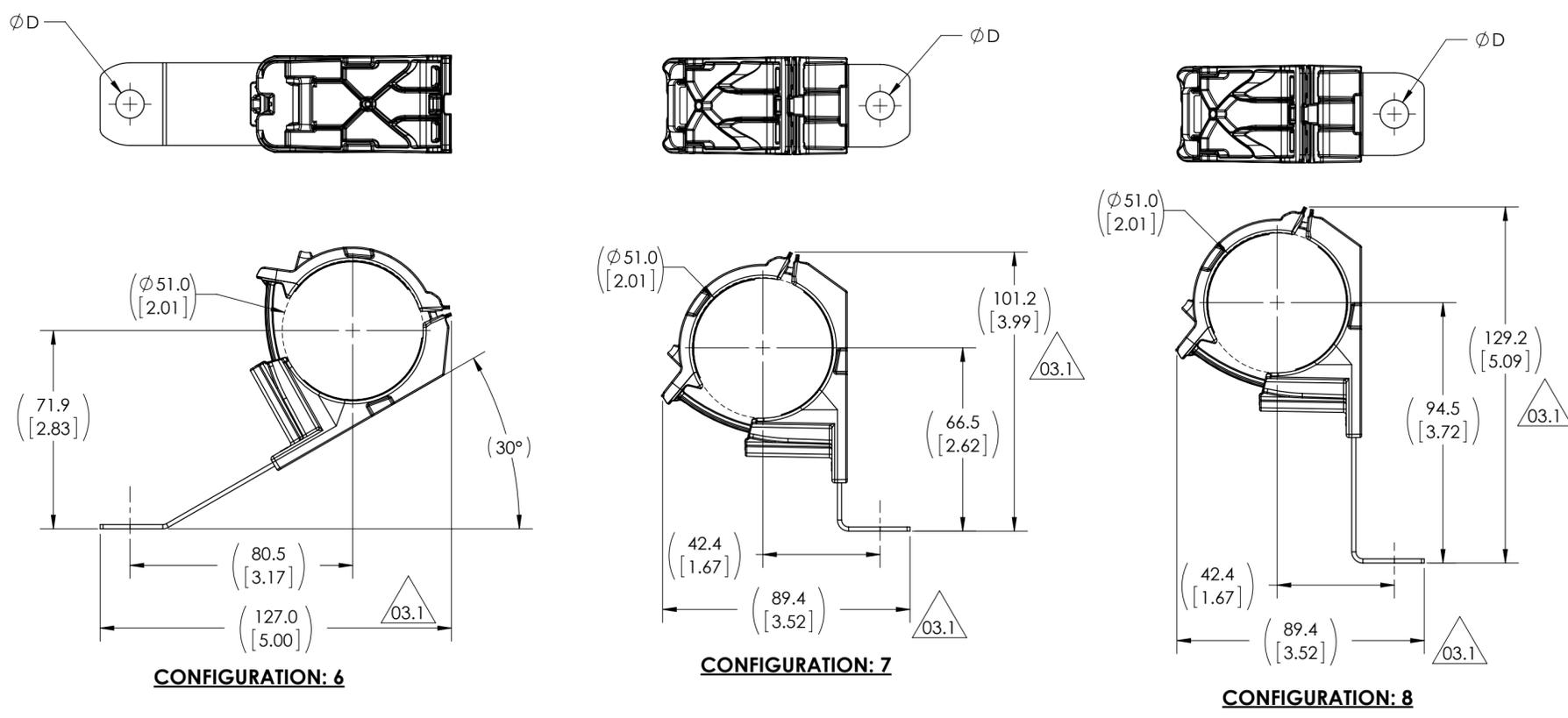
SW2014



Revision level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	A	SEE ECN# 013325	KEP	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]	RCD180SM6	181.5 [7.15]
		8.31 [.327]	RCD180SM8	
		10.29 [.405]	RCD180SM10	
		12.95 [.510]	RCD180SM12	
2	180° MEDIUM	6.50 [.256]	RCD180MM6	203.5 [8.01]
		8.31 [.327]	RCD180MM8	
		12.95 [.510]	RCD180MM12	
3	180° LONG	6.50 [.256]	RCD180LM6	232.5 [9.15]
		8.31 [.327]	RCD180LM8	
		12.95 [.510]	RCD180LM12	
4	15° SHORT	6.50 [.256]	RCD15SM6	180.9 [7.12]
		8.31 [.327]	RCD15SM8	
		12.95 [.510]	RCD15SM12	
5	30° SHORT	6.50 [.256]	RCD30SM6	178.8 [7.04]
		8.31 [.327]	RCD30SM8	
		12.95 [.510]	RCD30SM12	
6	30° LONG	6.50 [.256]	RCD30LM6	215.8 [8.50]
		8.31 [.327]	RCD30LM8	
		12.95 [.510]	RCD30LM12	
7	90° SHORT	6.50 [.256]	RCD90SM6	167.2 [6.58]
		8.31 [.327]	RCD90SM8	
		12.95 [.510]	RCD90SM12	
8	90° LONG	6.50 [.256]	RCD90LM6	195.2 [7.69]
		8.31 [.327]	RCD90LM8	
		12.95 [.510]	RCD90LM12	

Notes	Material	Units: millimeters	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	KEP	08/21/2015	Article/Type-No	SEE CHART	Scale	2:3
	1. PA66HIRHSUV 2. ZINC PLATED STEEL	Dimension without tolerances details to:		Approved	MHT	8/21/2015	Title	RCD RATCHET P CLAMP, SIZE D, CLAMP RANGE 36.0 TO 51.0	Project Number	PRP15-0341
		.xxx = ±.013		HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com		Drawing-No	15-0341-104-CSU	Production : Phase	Format	C
		.xx = ±.13				Sheet	2/2			
.x = ±.3										
None = ±.8										
< = ±0.5*										
Dimension Formatted mm/(in)										