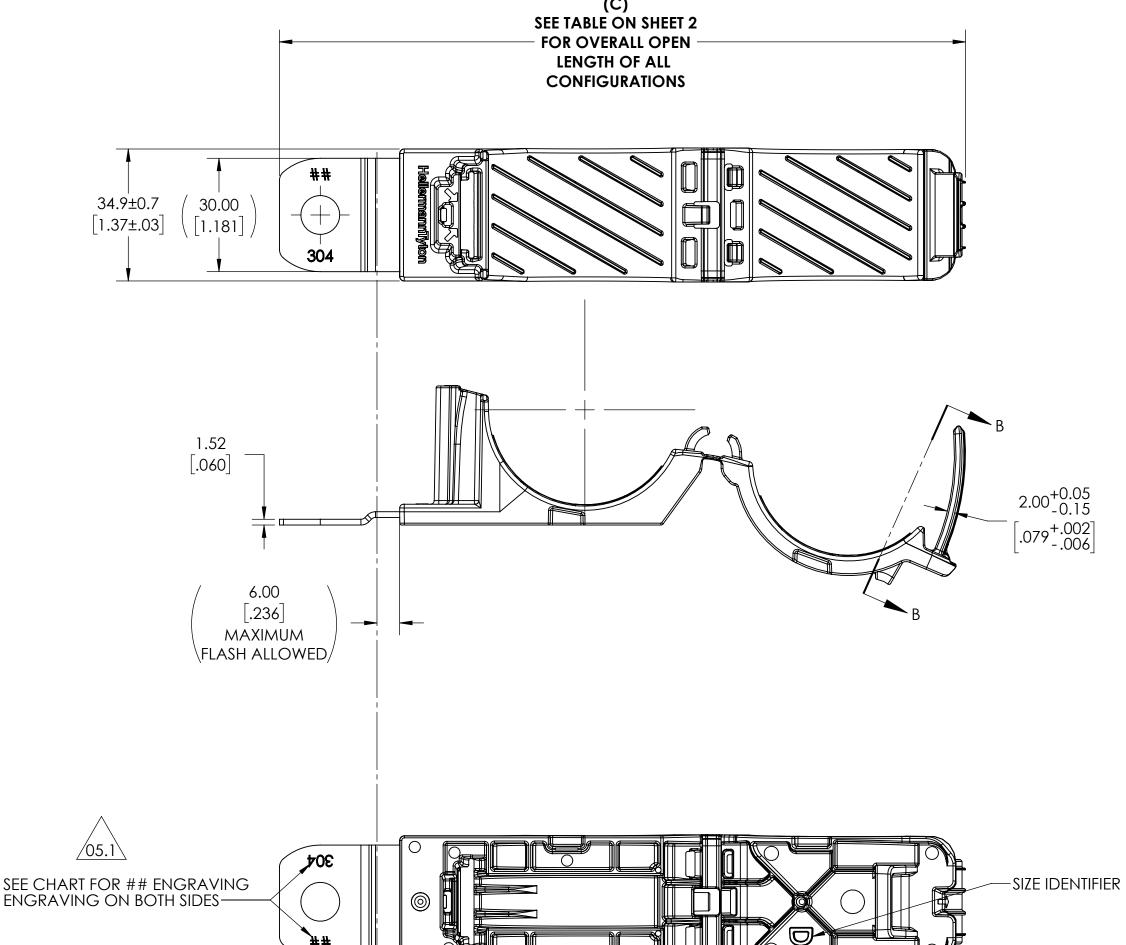
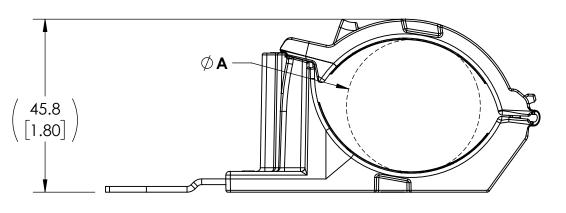


Revision Record Date Changed Date Approved Part Drawing RLV 8/13/2021 MHT 8/13/2021 05.1 Design Release SEE ECN# 016638

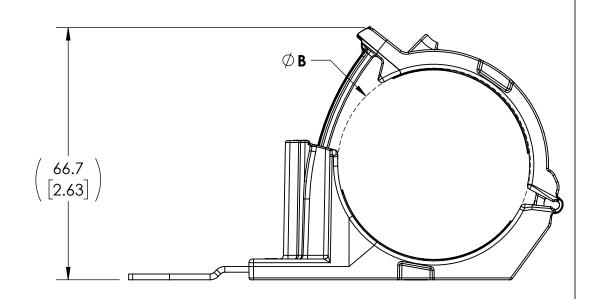
## **CONFIGURATION 1 SHOWN** PRODUCT SHIPPED IN CLAMP OPEN POSITION

-MATERIAL 1

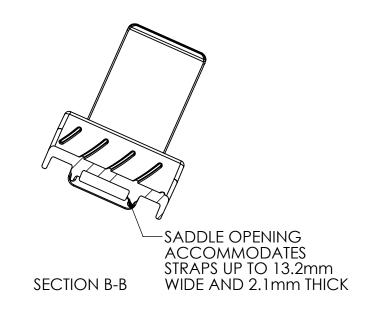




## **MINIMUM BUNDLE DIAMETER**



## **MAXIMUM BUNDLE DIAMETER**



	BUNDLE TYPES	A MINIMUM DIAMETER	B MAXIMUM DIAMETER	
	SOFT	36.0 [1.42]	51.0 [2.00]	
	HARD	35.2 [1.39]	49.9 [1.96]	
06/28/16	Article/Type-No SEE	CHART (SHEET 2)	Scale 1:1	

PRP16-1242

1/2

Notes

**INITIAL MOLD VALIDATION:** 

\*RCD90LM10SS

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 44.45 [1.750] TESTING ONLY REQUIRED OF CONFIGURATION \*RCD180SM10SS, \*RCD180LM10SS, AND \*PGC0014410SS

\*TESTING CAN BE SUBSTITUTED WITH M6, M8, M12 VERSION MOUNTING HOLES

NOMINAL BUNDLE DIAMETER OF 44.45 [1.750] AFTER

2. <u>ITS-0008 RATCHET CLAMP CLOSE & RELEASE TEST:</u>

3. ITS-0014 RATCHET CLAMP LOW TEMP HINGE TEST: NO DAMAGE OCCURRED AFTER BENDING LIVING

PERFORMANCE REQUIREMENTS:

DRY AS MOLDED WITH ≤ 0.5% MOISTURE CONTENT:

5. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%

4. <u>ITS-0001 RATCHET CLAMP SPLIT MANDREL TEST:</u>
445 NEWTONS (100 LBS) MIN AT A NOMINAL BUNDLE

6. MAXIMUM ALLOWABLE FLASH OR MISMATCH TO BE:

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

EXCEEDED 445 NEWTONS (100 LBS) MIN AT A

CLOSING AND RELEASING 40 TIMES

HINGE 40 TIMES AT -40°C

DIAMETER OF 44.45 [1.750]

NUMBERS IN THE TABLE ON SHEET 2

0.25mm

Material millimeters Dimension without tolerances details to: 1. PA66HIRHSUV 2. STAINLESS STEEL  $.xxx = \pm .013$  $.XX = \pm .13$  $.X = \pm .3$ None =  $\pm .8$  $\angle$  = ±0.5° Dimension Formatted mm/[in]

Units:

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Drawn

Approved 06/28/16

CRB

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7 tt dolo/ 1 ypo 140	SEE CHART (SHEET 2)		Codio	1:
	CHET P CLAMP, SIZE D		Project Num	ber
RANGE 3	6.0 TO 51.0, STAINLESS STEEL		PRP16	i-12
Drawing-No	PRODUC	CTION : Phase	Format	C

16-1242-104-CSU

