

INITIAL MOLD VALIDATION:
PERFORMANCE REQUIREMENTS ARE VALIDATED AT 50%

RELATIVE HUMIDITY EQUILIBRIUM (2.5% H2O BY WEIGHT):

1. <u>ITS-0003 RATCHET CLAMP SOLID MANDREL TEST:</u> EXCEEDED 445 NEWTONS (100 LBS) MIN AT A

NOMINAL BUNDLE DIAMETER OF 44.45 [1.750] TESTING ONLY REQUIRED OF CONFIGURATION

*TESTING CAN BE SUBSTITUTED WITH M6, M8, M12

NOMINAL BUNDLE DIAMETER OF 44.45 [1.750] AFTER

2. <u>ITS-0008 RATCHET CLAMP CLOSE & RELEASE TEST:</u> EXCEEDED 445 NEWTONS (100 LBS) MIN AT A

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

PERFORMANCE REQUIREMENTS:
PERFORMANCE REQUIREMENTS ARE VALIDATED AT 50%

RELATIVE HUMIDITY EQUILIBRIUM (2.5% H2O BY WEIGHT):

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

5. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%

*RCD180SM10SS, *RCD180LM10SS, AND

*RCD90LM10SS

VERSION MOUNTING HOLES

HINGE 30 TIMES AT 0°C

DIAMETER OF 44.45 [1.750]

NUMBERS IN THE TABLE ON SHEET 2

0.25mm

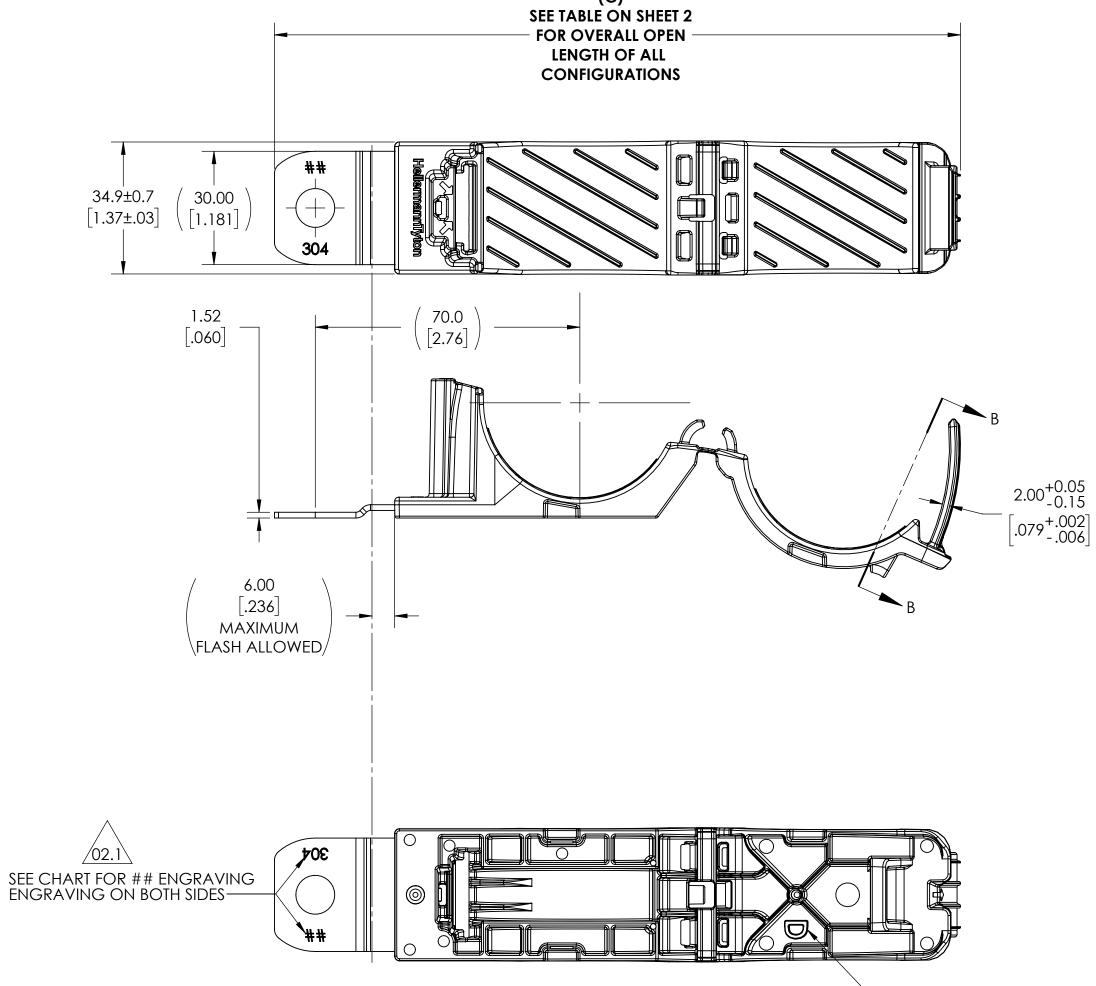
Notes

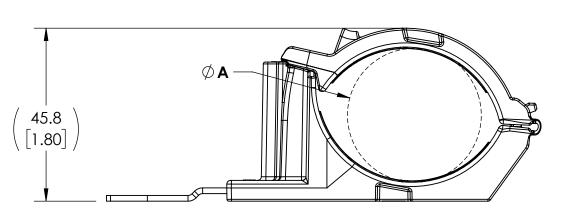
CLOSING AND RELEASING 15 TIMES

Revision Record Date Changed Date Approved Drawing RLV 8/13/2021 MHT 8/13/2021 02.1 Design Release SEE ECN# 016638

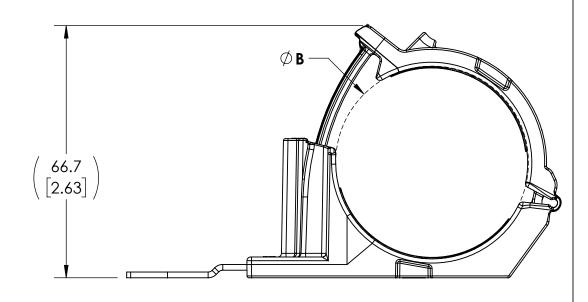
CONFIGURATION 1 SHOWN PRODUCT SHIPPED IN CLAMP OPEN POSITION

-MATERIAL 1

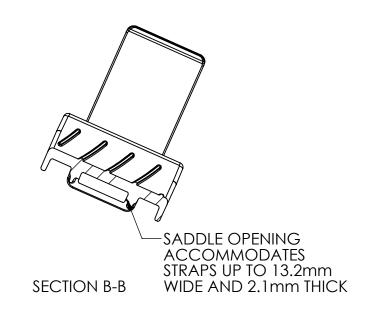




MINIMUM BUNDLE DIAMETER



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]			
Author Towns No.						

Units: Material millimeters Dimension without tolerances details to: 1. PA666V0 $.xxx = \pm .013$ 2. STAINLESS STEEL $.XX = \pm .13$ $.x = \pm .3$ None = $\pm .8$ \angle = ±0.5°

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Dimension Formatted mm/[in]

MHT

-SIZE IDENTIFIER

Drawn

Approved	CTF	12/11/2019	Title	RCD RATCHET RANGE 36.0 TO
He	llerman	FLA		
North America Email: corp@htamericas.com Web: www.hellermann.tyton.com			Drawing-No 16-124	

1:1 12/11/2019 SEE CHART (SHEET 2) T P CLAMP, SIZE D, CLAMP
TO 51.0, STAINLESS STEEL,
PRP16-12 PRP16-1242 ME RÉTARDANT

Production : Phase | Format С 16-1242-204-CSU 1/2

