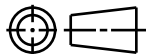
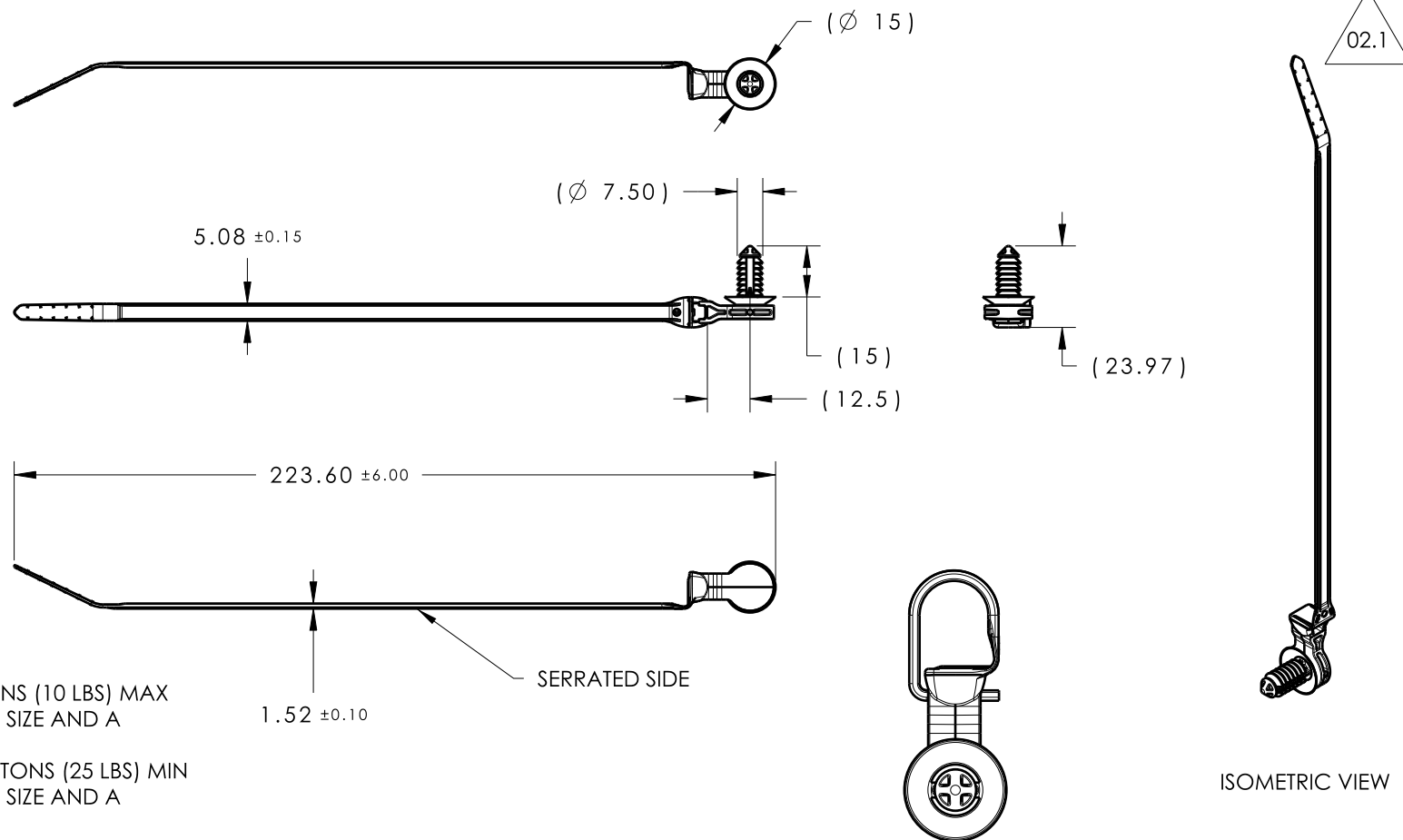


CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
02.1	Design Release	-	SEE ECN# 311590	KAJ	10/25/24	RLV	10/29/24

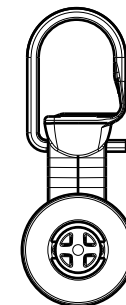


02.1

REFERENCE:

PERFORMANCE REQUIREMENTS:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 8.25mm
4. APPLICABLE HOLE SIZE:
A. 6.5mm +/- 0.4
5. CABLE TIE MIN LOOP TENSILE STRENGTH: 225N (50 LBS)
6. BUNDLE RANGE: 1.6mm TO 50mm
7. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
8. MAX ALLOWABLE MISMATCH TO BE: 0.10mm
9. MAX ALLOWABLE FLASH TO BE: 0.25mm

ASSEMBLED VIEW
SCALE 1:1

ISOMETRIC VIEW

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	HDC	07/03/18	Article/Type-No	T50ROSFT6SO12.5R		Scale	1:2		
SEE CHART	Tolerance defined on each dimension	Approved		KVH	07/03/18	Title	50LBS LOW PROFILE TIE WITH 12.5mm OFFSET AND FT6.5 FIR TREE (90 DEGREE SERIES)			Project Number	12-0001		
COLOR: SEE CHART		HellermannTyton North America Email: corp@htamericas.com Web: www.hellermann.tyton.com						Drawing-No	PRODUCTION : Phase	Format		AH	
								12-0001-002-CSU		Sheet		1/1	

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