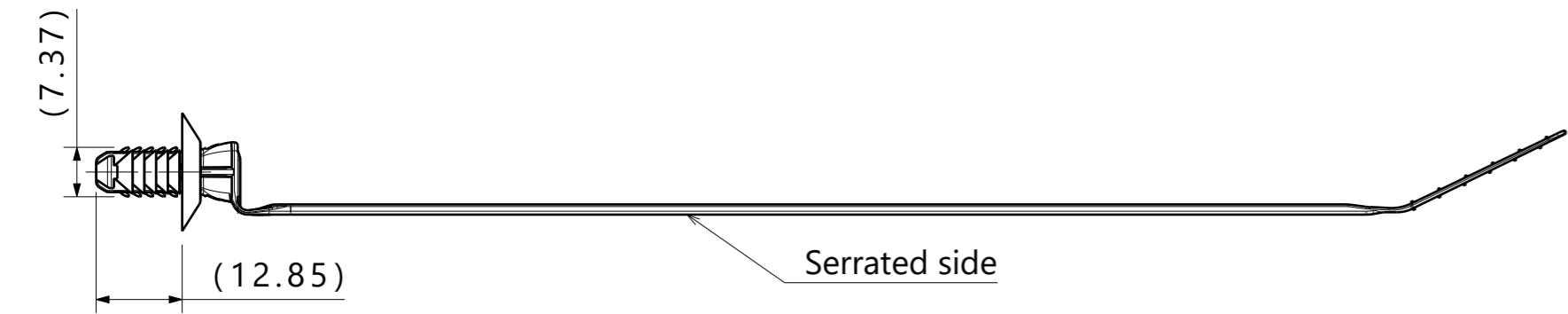
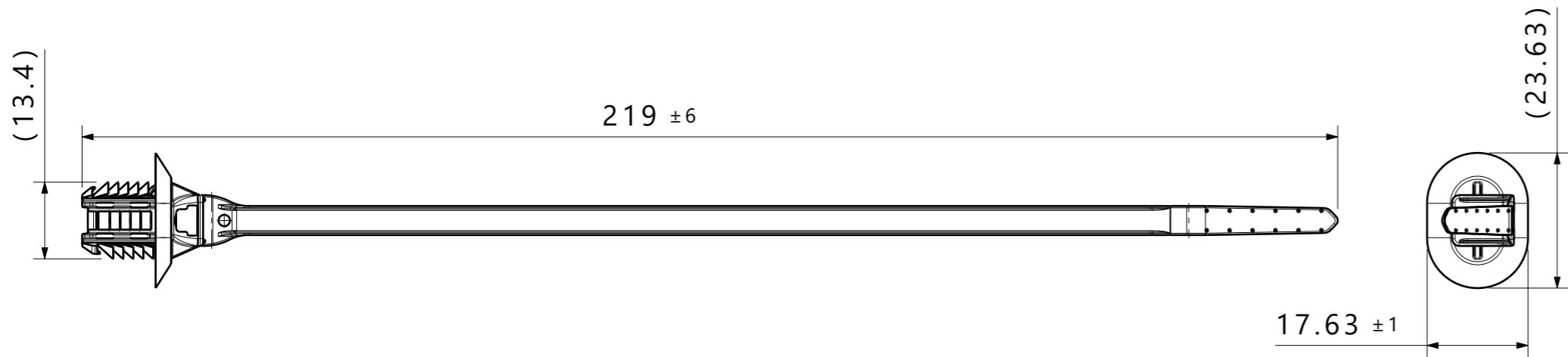


Isometric view



Reference:

Performance requirements at dry as molded:

1. Fir tree push in force: 45 newtons (10 lbf) max in each applicable nominal oval hole size and a plate thickness of 1.8mm.
2. Fir tree pull out force: 110 newtons (25 lbf) min in each applicable nominal oval hole size and a plate thickness of 1.8mm.
3. Cable tie min loop tensile strength: 225 newtons (50 lbf)

Notes:

1. Material: See chart
2. Material color: See chart
3. Max allowable flash to be: 0.5mm
4. Max allowable mismatch to be: 0.1mm
5. Sheet metal thickness range: 0.60mm - 6.75mm
6. Applicable oval hole sizes:
 - A. 6.2 x 12.2mm +/-0.2
 - B. 6.5 x 12.5mm +0.2/-0.4
 - C. 6.5 x 13.0mm +/-0.2
 - D. 7.0 x 12.0mm +/-0.2

*Some stress whitening may occur at bundles ≤8.0mm

Global Part Description	Material	Color	Bundle Range*
T50ROSFTOVALU-PA66HIRSH(REC100)-BK	PA66HIRHS(REC100)	Black	4 to 50mm

Revision Level			Revision Record	
Drawing	State	Part	017479	
00.0	Design Release	-		
Changed	Date (YYYY/MM/DD)			
Duncan	2023/04/13			
Approved	Date (YYYY/MM/DD)			
Cottrill	2023/04/13			

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Units: **mm**

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Drawn	Date (YYYY/MM/DD)	Title Oval Hole Fir Tree with 8" 50lb Low Profile Cable Tie	Scale	1:1
Duncan	2023/04/13		Global Project Number	11-0345
Approved	Date (YYYY/MM/DD)		Format	A3
Cottrill	2023/4/13	Drawing-No	11-0345-021-CSU	
			Sheet	1 / 1