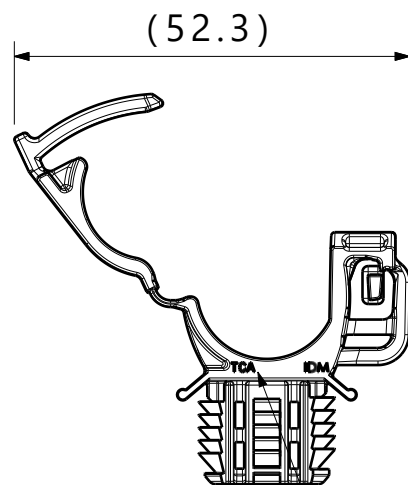
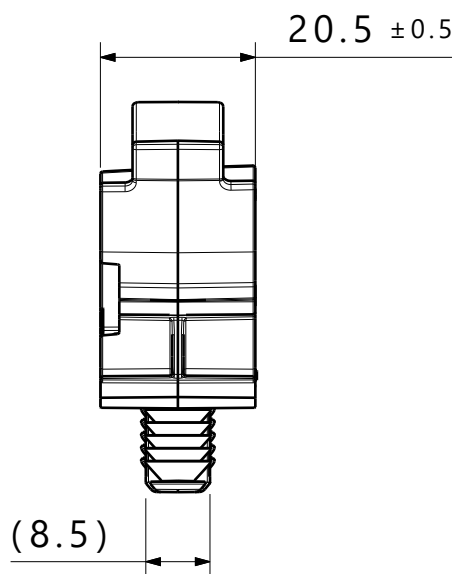
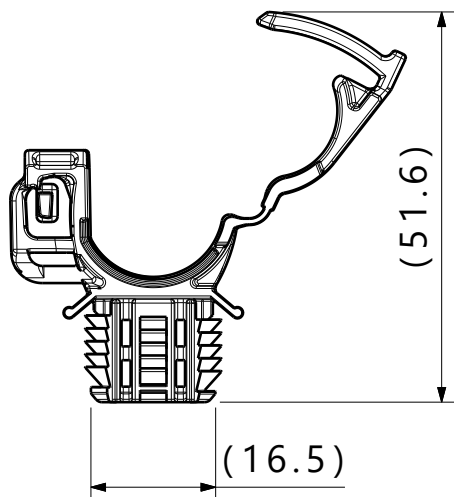
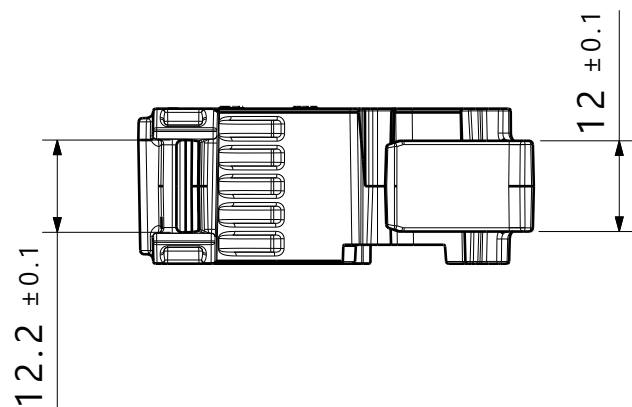
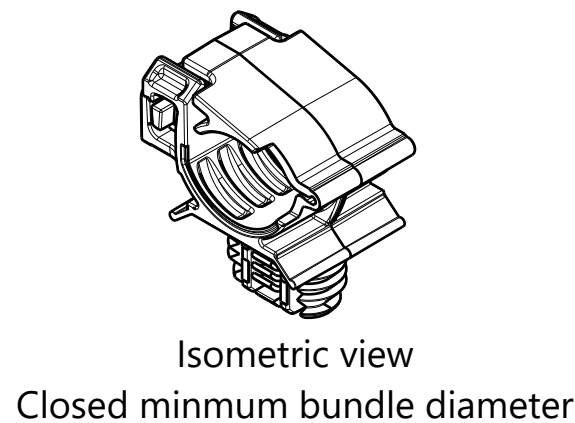
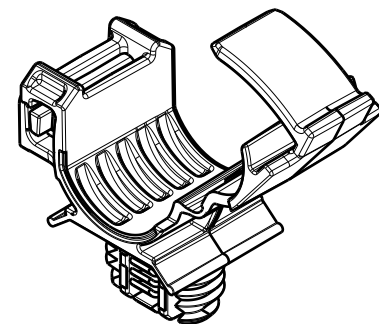
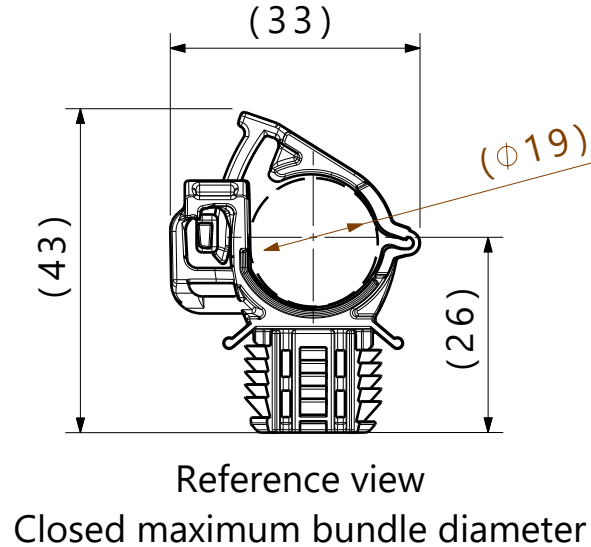
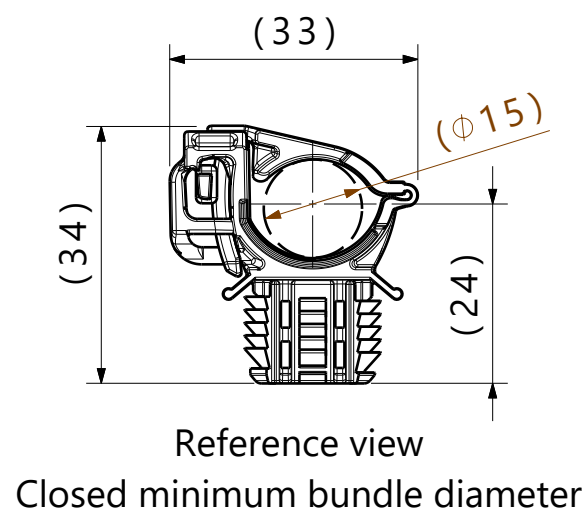




'TCA', cavity ID, and country of origin to be shown on this surface

Reference:

Performance requirements at dry as molded:

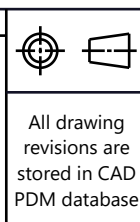
1. Fir tree push in force: 45 newtons (10 lbf) max in the applicable nominal hole size and a plate thickness of 1.8mm.
2. Fir tree pull out force: 110 newtons (25 lbf) min in the applicable nominal hole size and a plate thickness of 1.8mm.

Notes:

1. Material: See chart
2. Material color: See chart
3. Maximum percent regrind permissible: 25%
4. Max allowable flash to be: 0.5mm
5. Max allowable mismatch to be: 0.1mm
6. Sheet metal thickness range: 0.60mm - 6.75mm
7. Applicable oval hole sizes:
A. 9.0 x 17.0mm +0.2/-0.4

Revision Level		
Drawing	State	Part
00.1	Design Release	-
Changed	Date (YYYY/MM/DD)	
Karabon	2025/02/10	
Approved	Date (YYYY/MM/DD)	
Van Hulst	2025/02/10	

Revision Record	
ECN 311893	



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Global Part Description	
ROC15-19FTOVL9X17-PA66HIRHSUV-BK	

Material	
PA66HIRHSUV	

Color	
Black	

Title	
Ratchet O-Clamp, 15-19mm, with 9x17mm oval fir tree	

Scale	
1:1	

Global Project Number	
24-1444	

Format	
A3	

Sheet	
1 / 1	

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Drawing-No
24-1444-001-CSU