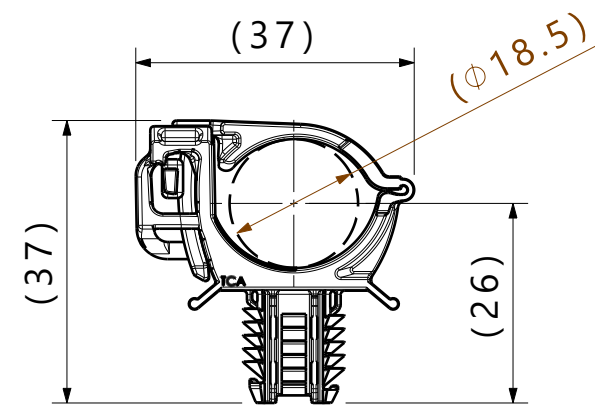
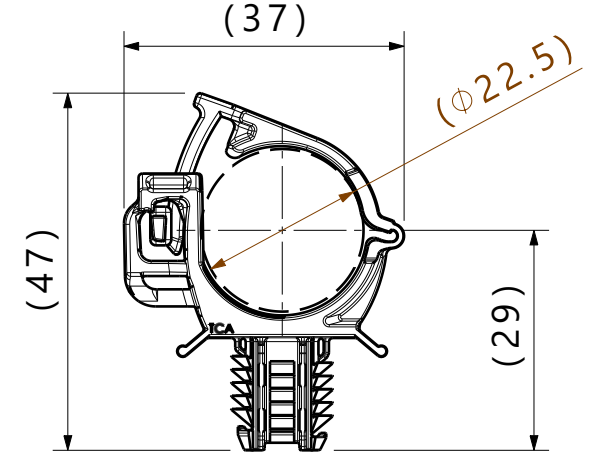
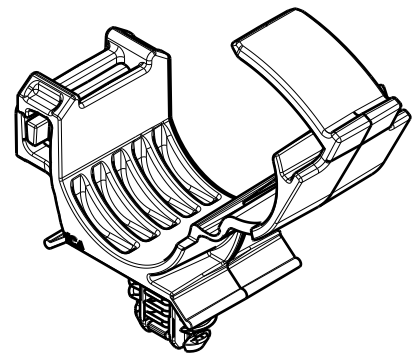




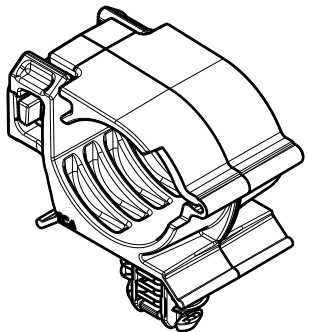
Reference view
Closed minimum bundle diameter



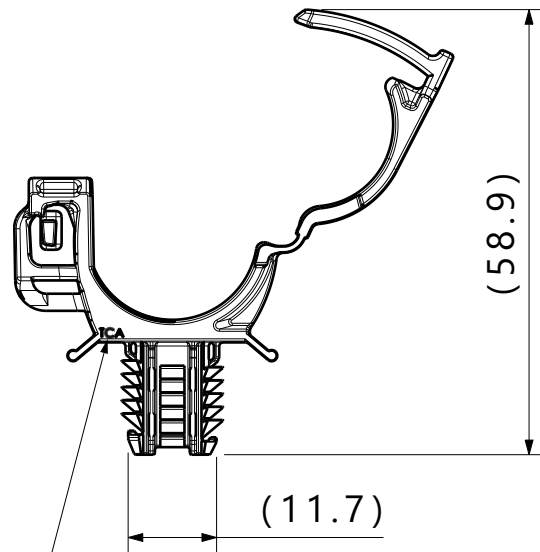
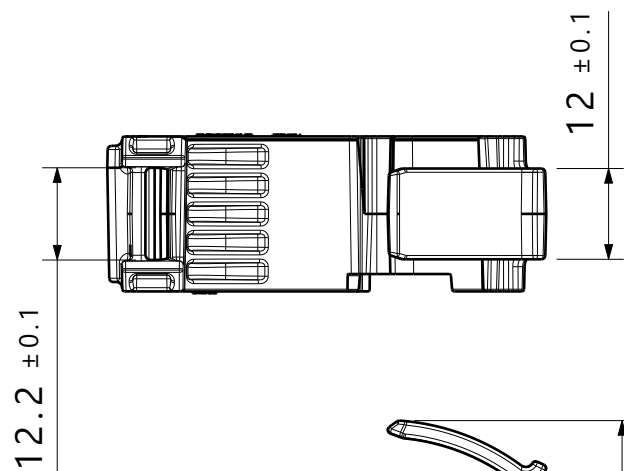
Reference view
Closed maximum bundle diameter



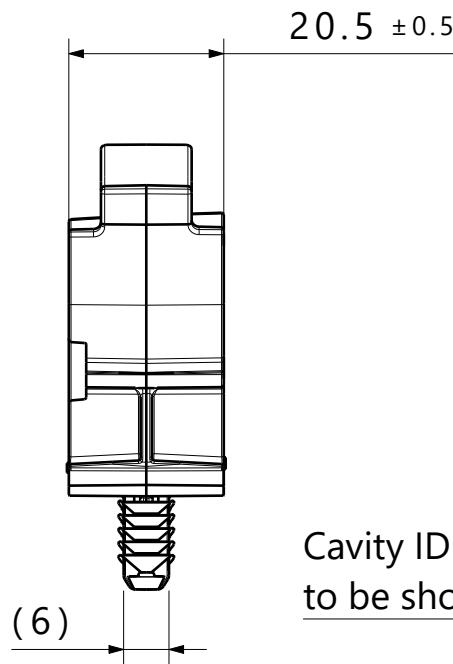
Isometric view
Open



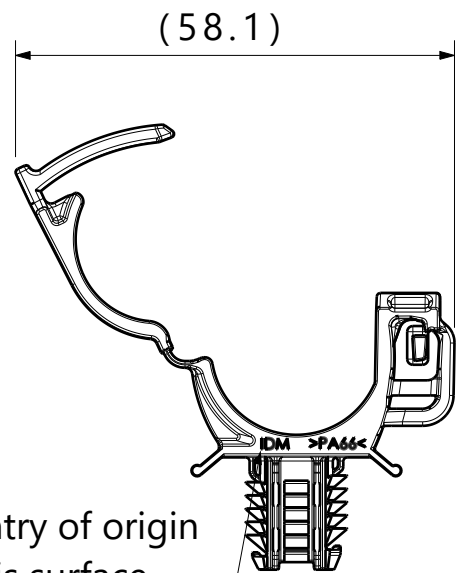
Isometric view
Closed minimum bundle diameter



'TCA' to be shown on this surface



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. 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

Global Part Description	Material	Color
ROC18.5-22.5FTOVAL-PA66HIRHSUV-BK	PA66HIRHSUV	Black

Revision Level		
Drawing	State	Part
00.0	Design Release	-
Changed	Date (YYYY/MM/DD)	
Karabon	2024/03/22	
Approved	Date (YYYY/MM/DD)	
Van Hulst	2024/03/22	

Revision Record		
ECN 311027		

All drawing revisions are stored in CAD PDM database

The copyright of this drawing is reserved by HellermannTyton.	
Units	mm

Drawn	Date (YYYY/MM/DD)
Karabon	2024/03/22
Approved	Date (YYYY/MM/DD)
Van Hulst	2024/03/22

Title		Scale
Ratchet O-Clamp, 18.5-22.5mm, 6.5x12.5mm oval fir tree		1:1
Drawing-No		Global Project Number
24-0497-001-CSU		24-0497
		Format
		A3
		Sheet
		1 / 1