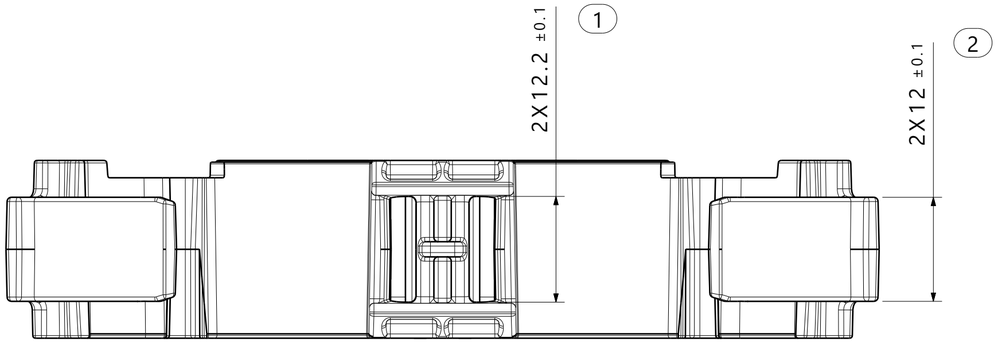
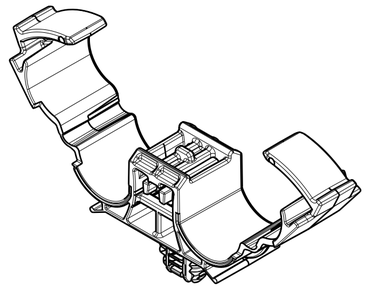
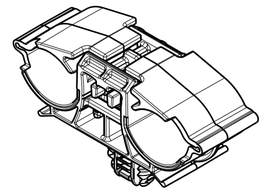
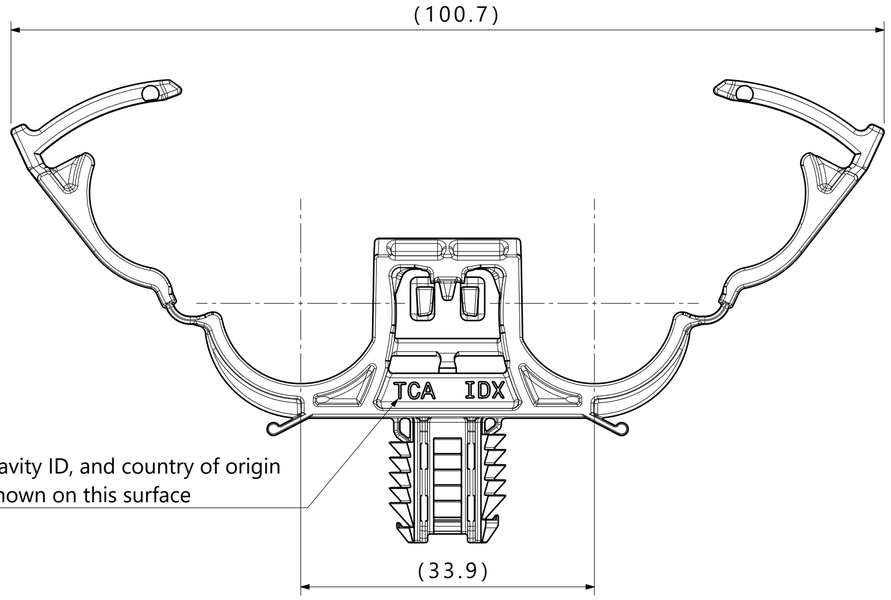




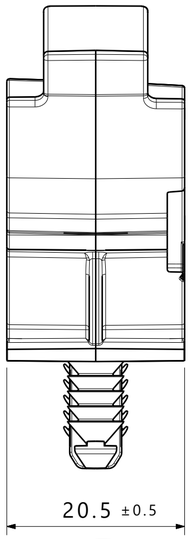
Isometric view
Open
Scale 1:1

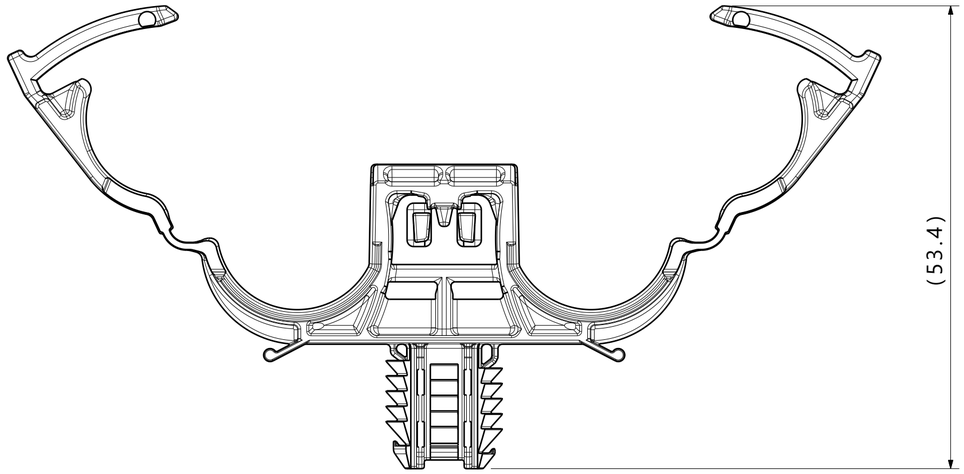


Isometric view
Closed minimum bundle diameter
Scale 1:1



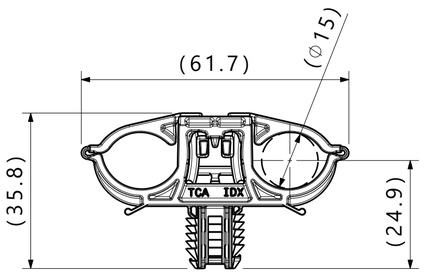
'TCA', cavity ID, and country of origin
to be shown on this surface



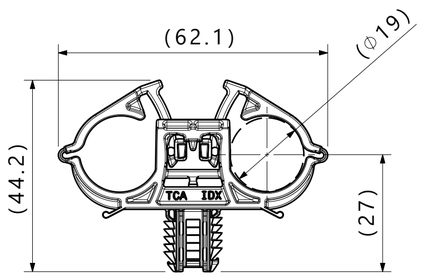


Performance requirements at dry as molded:
1. Fir tree push in force: 45 newtons (10 lbf) max in the applicable nominal hole size and plate thickness.
2. Fir tree pull out force: 110 newtons (25 lbf) min in the applicable nominal hole size and plate thickness.

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. A dimension without an inspection report symbol does not require inspection. It may be controlled on the individual component drawing.
   a. Total number of inspections required: 3
   b. Last number used: 3
   c. Missing symbols: -
7. Applicable oval hole sizes and plate thickness:
   A. 6.2 x 12.2mm +/-0.2 x 1.8mm
   B. 6.5 x 12.5mm +0.2/-0.4 x 1.8mm
   C. 6.5 x 13.0mm +/-0.2 x 1.8mm
   D. 7.0 x 12.0mm +/-0.2 x 1.8mm
8. Sheet metal thickness range: 0.60mm - 6.75mm



Reference view
Closed minimum bundle diameter
Scale 1:1



Reference view
Closed maximum bundle diameter
Scale 1:1

Global Part Description	Material	Color
DROC15-19FTOVAL-PA66HIRHSUV-BK	PA66HIRHSUV	Black

Revision Level			Revision Record
Drawing	State	Part	ECN 311921
00.2	Design Release	-	
Changed		Date (YYYY/MM/DD)	
Karabon		2025/02/28	
Approved		Date (YYYY/MM/DD)	
Van Hulst		2025/02/28	

All drawing revisions are stored in CAD PDM database

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Units: mm

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Drawn	Date (YYYY/MM/DD)
Karabon	2025/02/28
Approved	Date (YYYY/MM/DD)
Van Hulst	2025/02/28

Title: Dual Ratchet O-Clamp size A with 6.5x12.5mm oval fir tree

Drawing-No: 24-0999-001-CSU

Scale: 2:1
Global Project Number: 24-0999
Format: A2
Sheet: 1 / 1