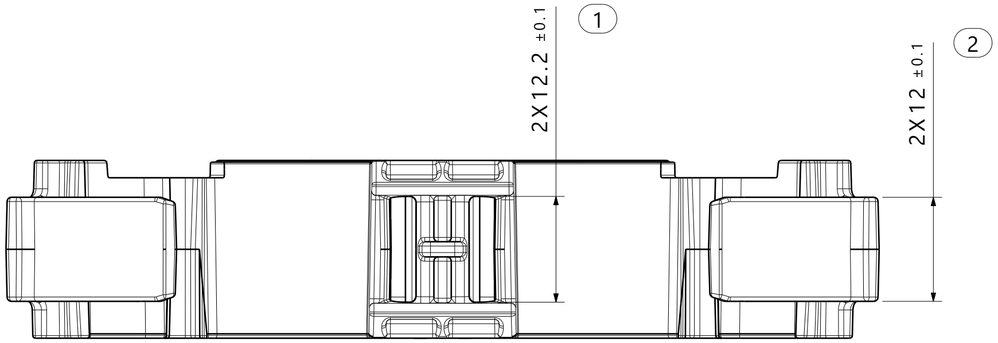
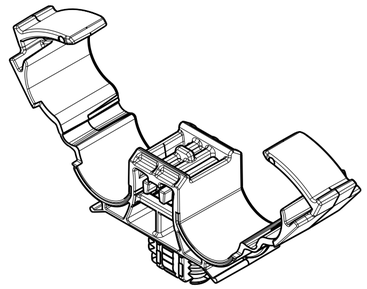
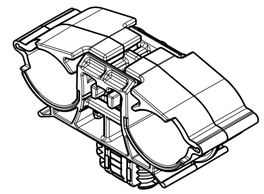
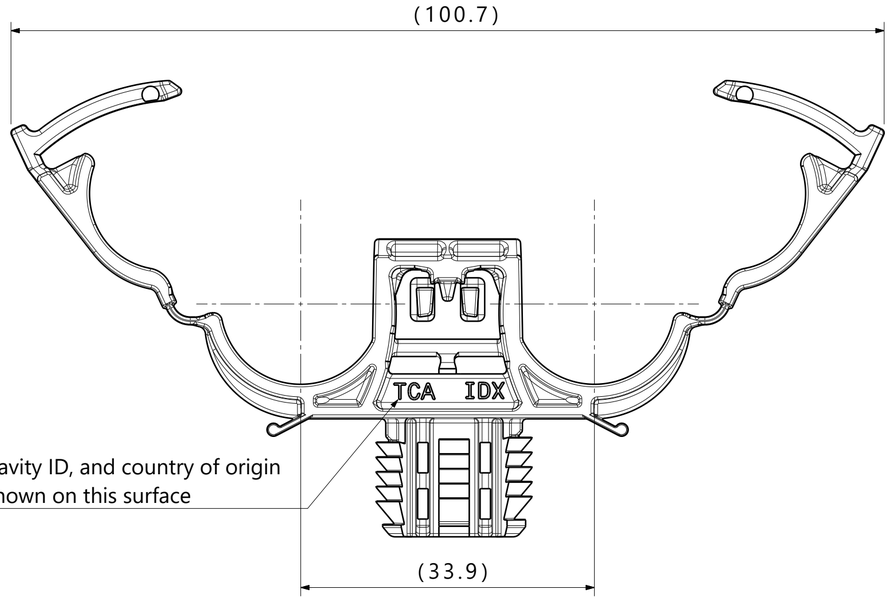




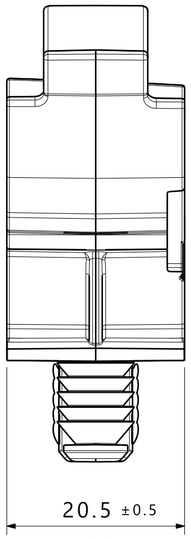
Isometric view
Open
Scale 1:1

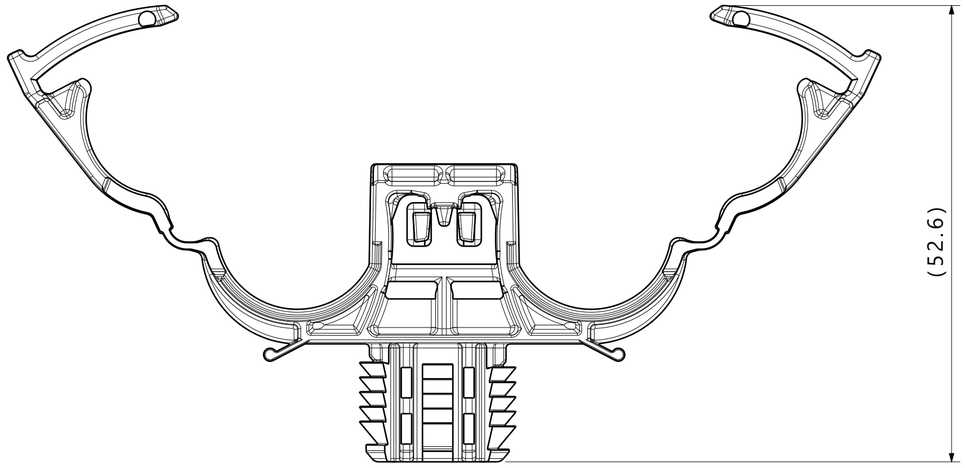


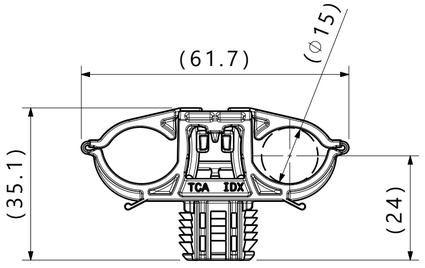
Isometric view
Closed minimum bundle diameter
Scale 1:1



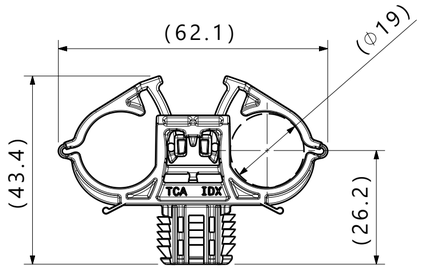
'TCA', cavity ID, and country of origin
to be shown on this surface







Reference view
Closed minimum bundle diameter
Scale 1:1



Reference view
Closed maximum bundle diameter
Scale 1:1

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.

Global Part Description	Material	Color
DROC15-19FTOV9X17-PA66HIRHSUV-BK	PA66HIRHSUV	Black

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 hole size and plate thickness:
   A. 9.0 x 17.0mm +0.2/-0.4 x 1.8mm
8. Sheet metal thickness range: 0.60mm - 6.75mm

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

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

HellermannTyton
www.HellermannTyton.com

Title: Dual Ratchet O-Clamp size A with 9x17mm oval fir tree

Drawing-No: **24-1000-001-CSU**

Scale: 2:1
Global Project Number: 24-1000
Format: A2
Sheet: 1 / 1