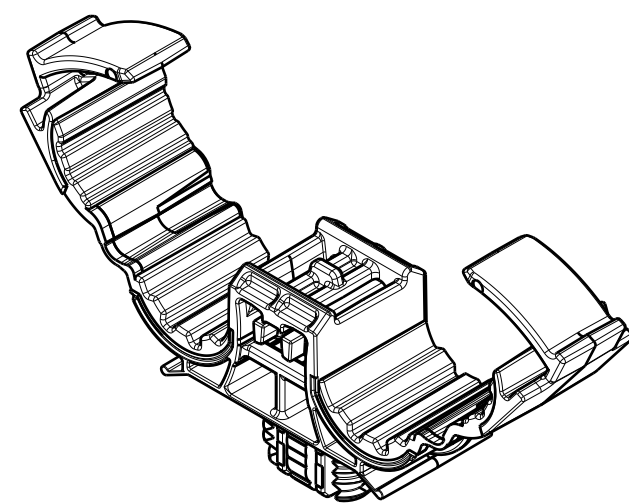
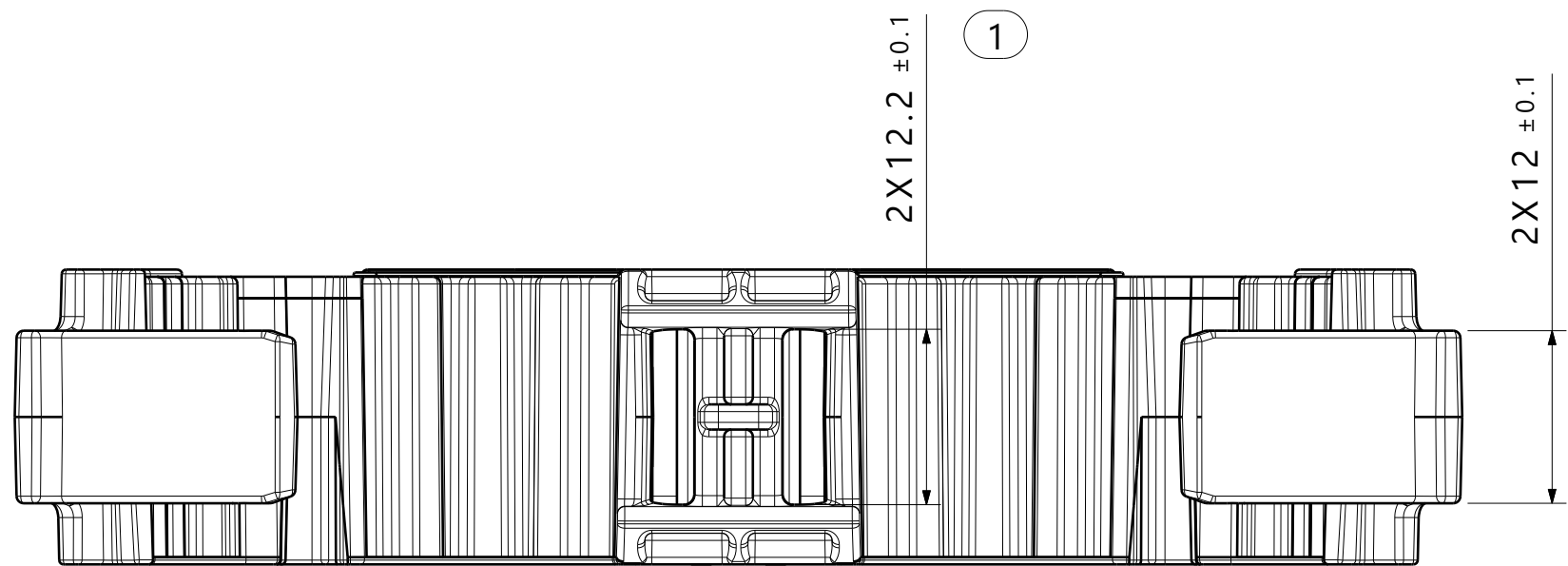
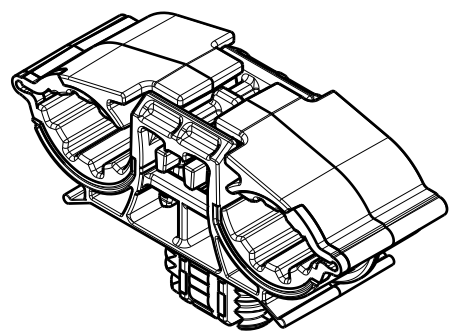
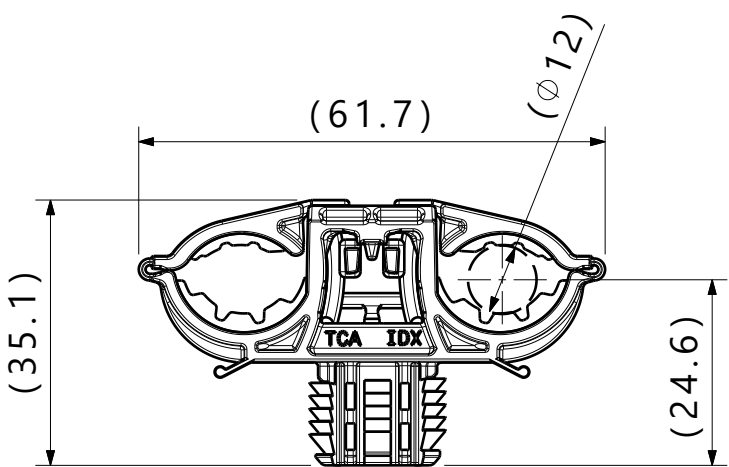
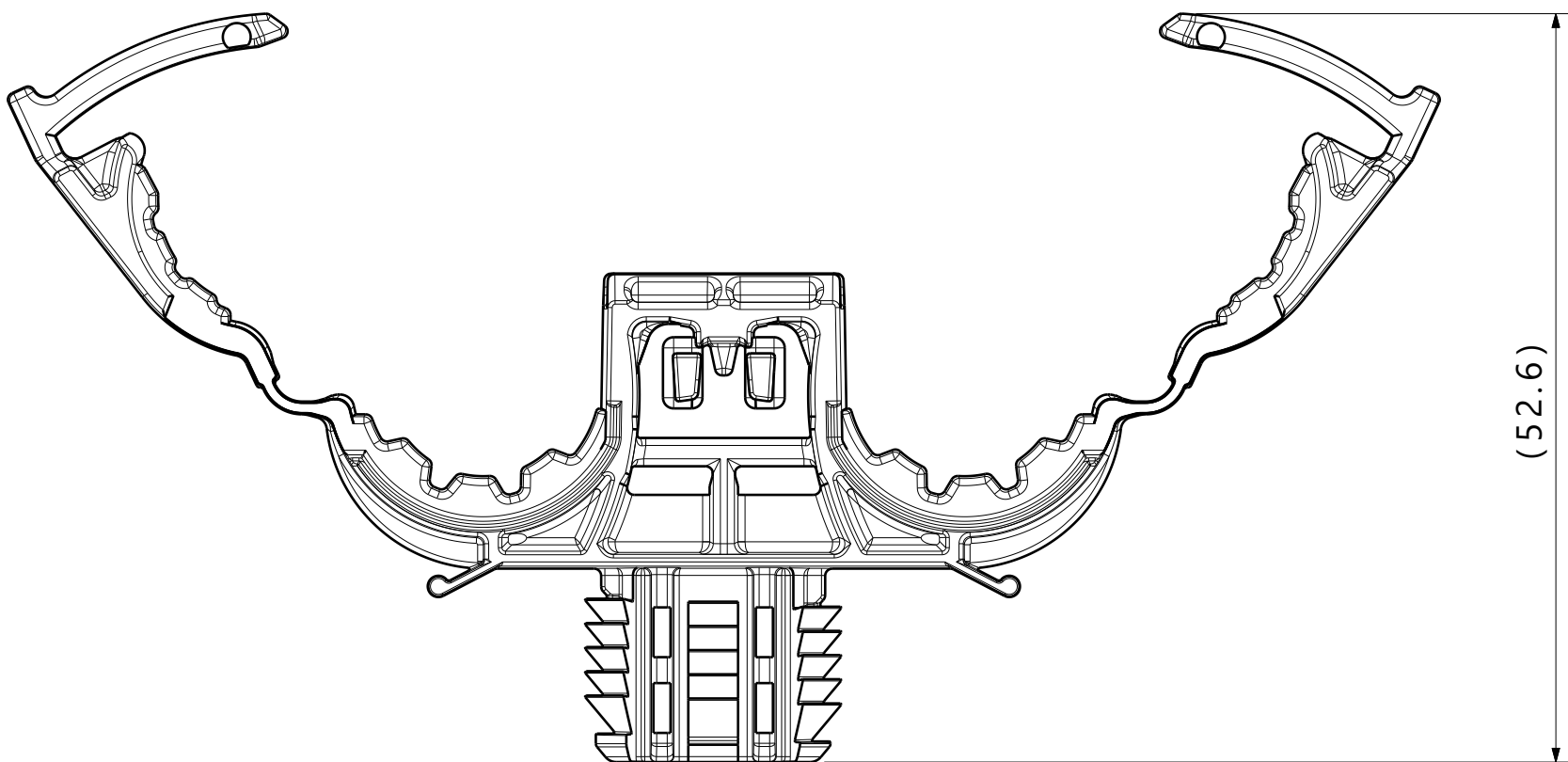
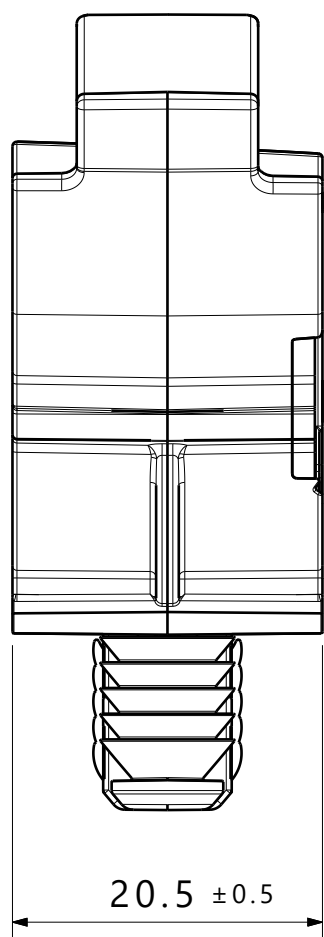
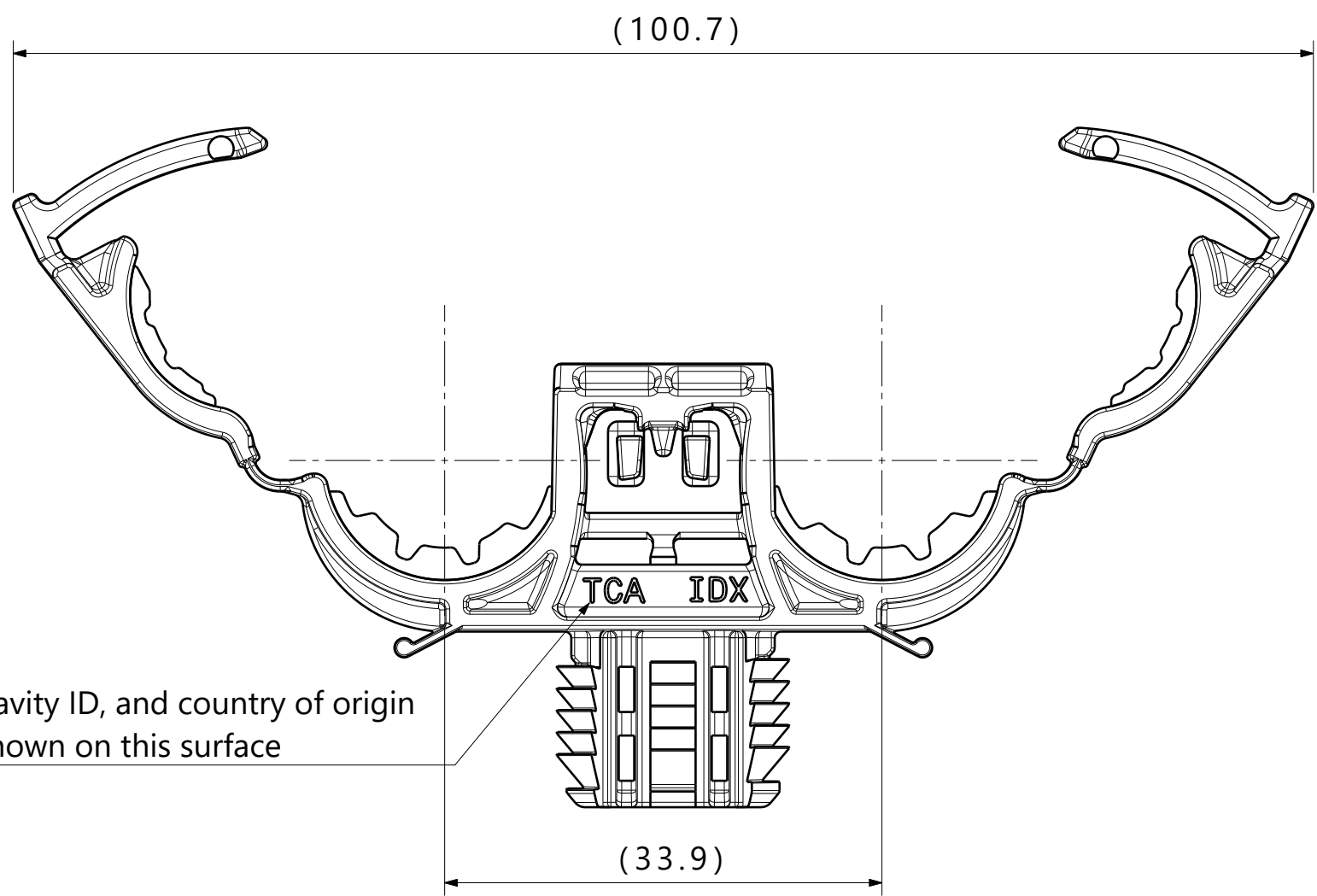




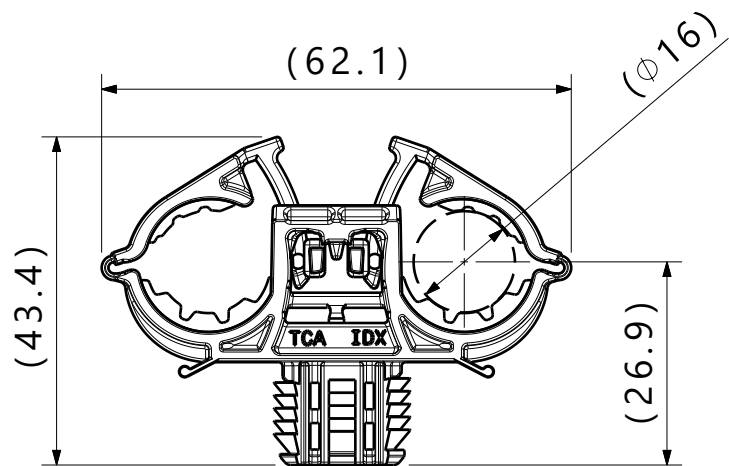
Isometric view
Open
Scale 1:1



Isometric view
Closed minimum bundle diameter
Scale 1:1



Reference view
Closed minimum bundle diameter
Scale 1:1



Reference view
Closed maximum bundle diameter
Scale 1:1

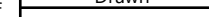
Performance requirements at dry as molded:

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.

Notes:

1. Material: See chart
2. Material color: See chart
3. Maximum percent regrind permissible: 25% for PA66 only
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

Global Part Description			Material	Color
SGDROC12-16FTOV9X17-PA66HIRHSUV/TPE-BK			PA66HIRHSUV TPE	Black

Revision Level			Revision Record			The copyright of this drawing is reserved by HellermannTyton.	Drawn	Date (YYYY/MM/DD)	Title Overmolded Dual Ratchet O-Clamp size A with 9x17mm oval fir tree		Scale 2:1
Drawing	State	Part	ECN 311921				Karabon	2025/02/28			Global Project Number
00.2	Design Release	-					Approved	Date (YYYY/MM/DD)	24-0680		
Changed	Date (YYYY/MM/DD)						Van Hulst	2025/02/28	Format A2		
Karabon	2025/02/28					All drawing revisions are stored in CAD PDM database	Units mm	 HellermannTyton www.HellermannTyton.com		Drawing-No	Sheet 1 / 1
Approved	Date (YYYY/MM/DD)									24-0680-001-CSU	
Van Hulst	2025/02/28										