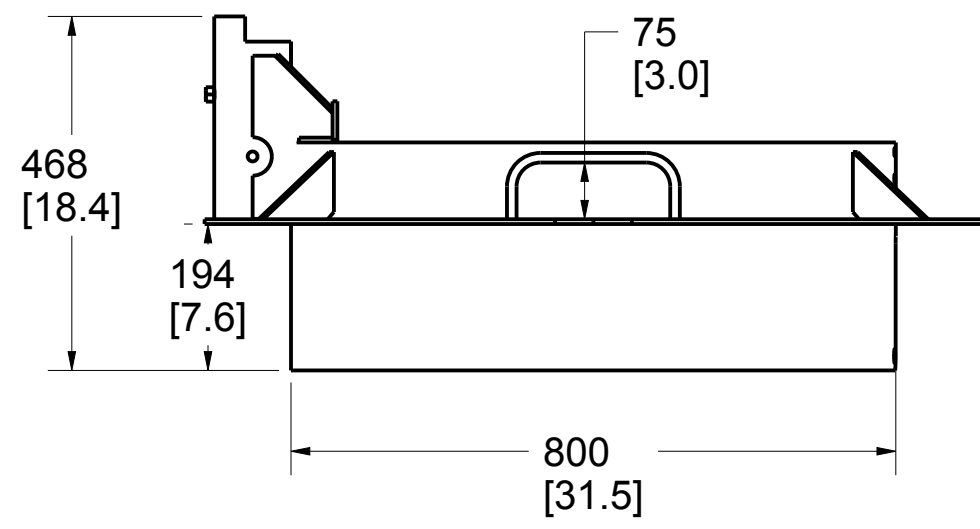
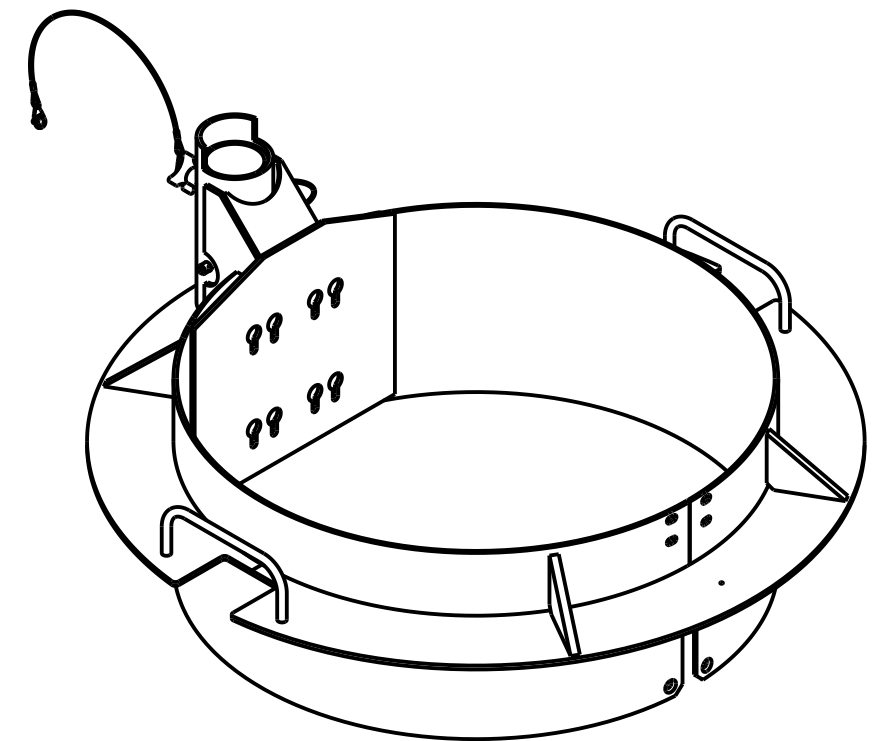
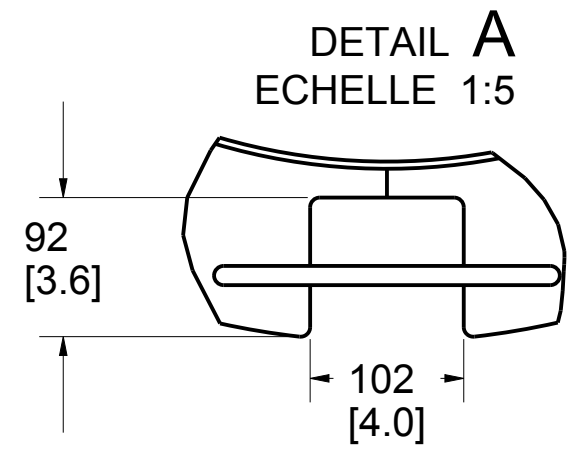
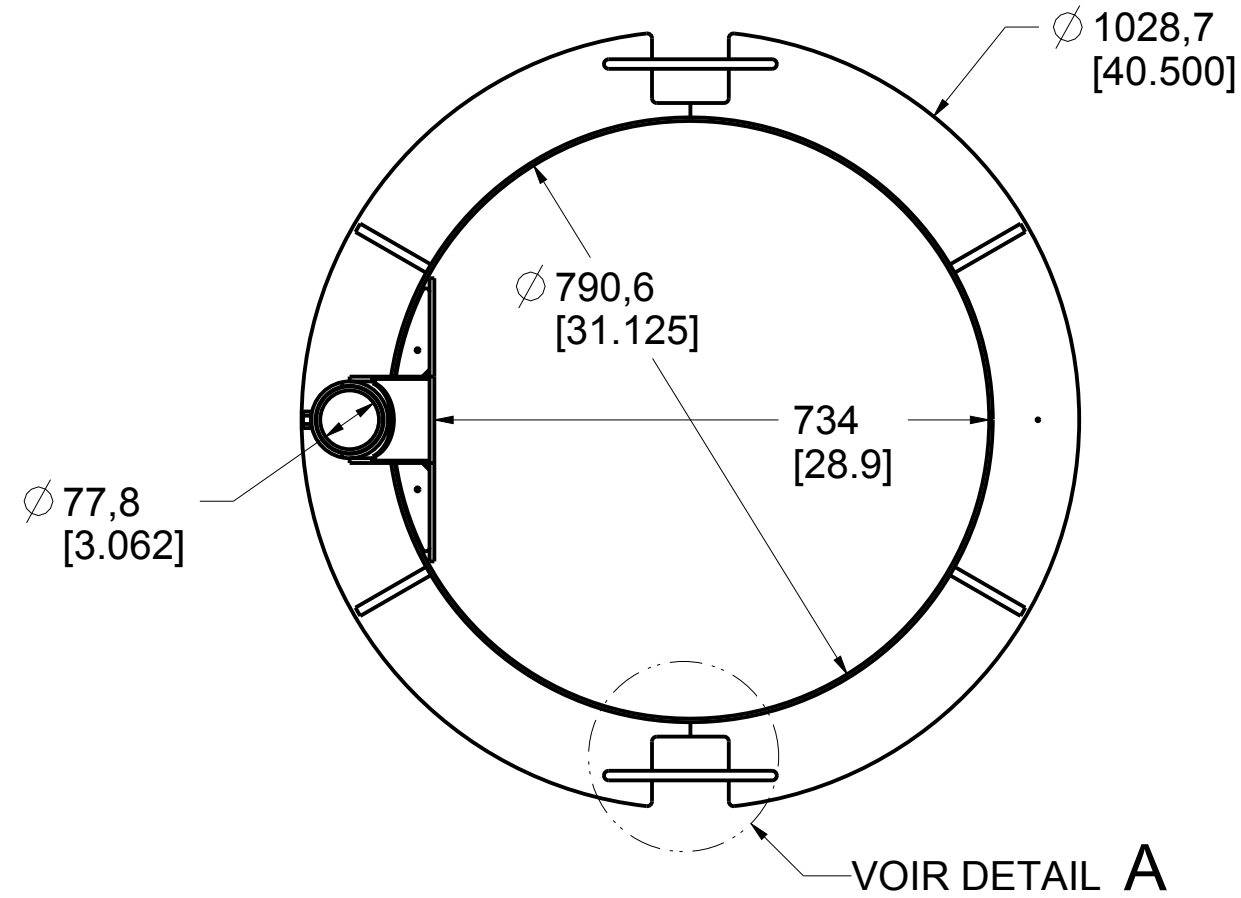
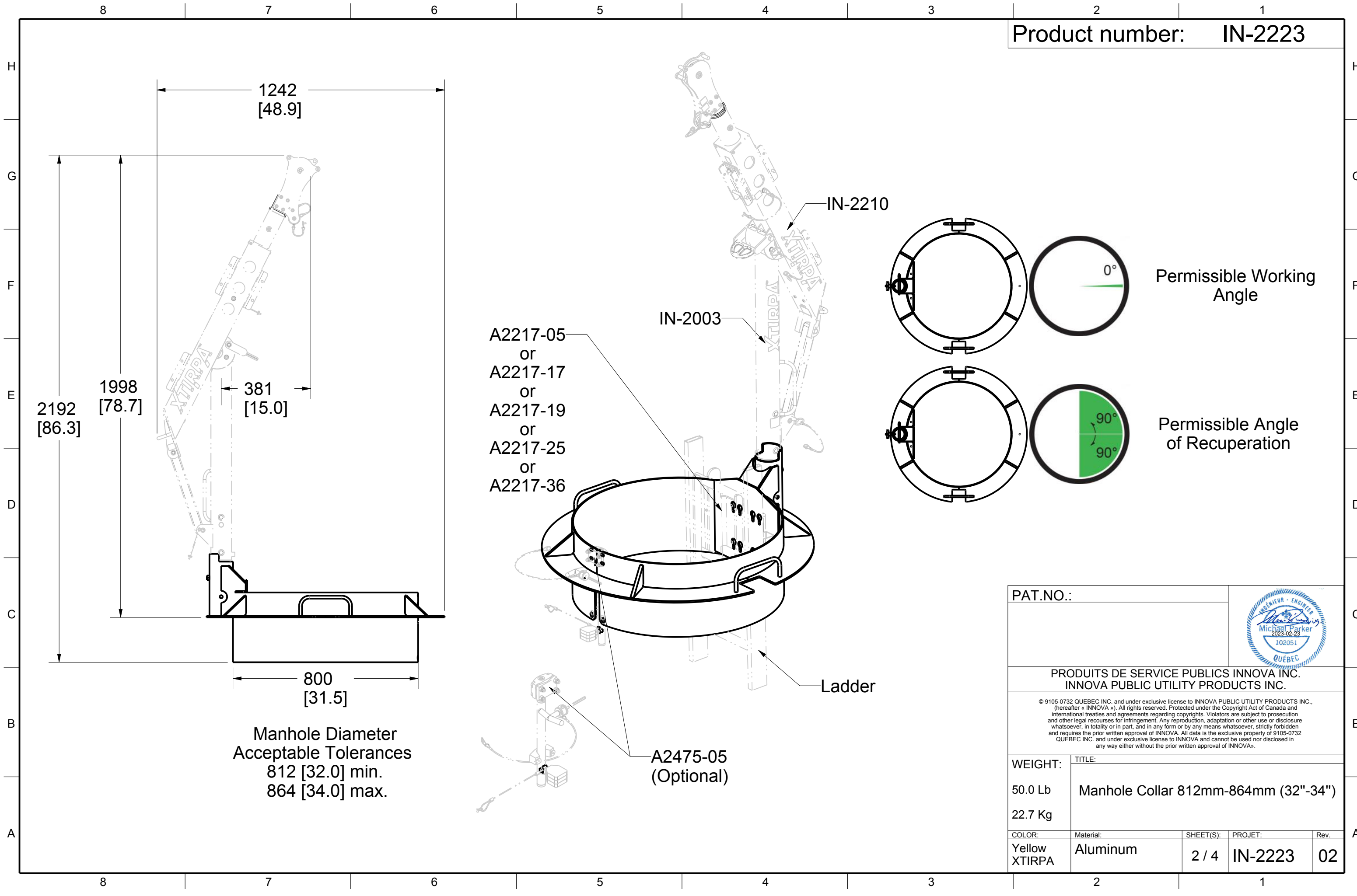


Product number: IN-2223



|   |                                      |           |         |      |
|---|--------------------------------------|-----------|---------|------|
| PAT.NO.:  |                                      |           |         |      |
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| WEIGHT:   | TITLE:                               |           |         |      |
| 50.0 Lb   | Manhole Collar 812mm-864mm (32"-34") |           |         |      |
| 22.7 Kg   |                                      |           |         |      |
| COLOR:  | Material:                            | SHEET(S): | PROJET: | Rev. |
| Yellow XTIRPA   | Aluminum                             | 1 / 4     | IN-2223 | 02   |



|   |                                      |   |         |      |
|---|--------------------------------------|---|---------|------|
| PAT.NO.:  |                                      |  |         |      |
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| WEIGHT:   | TITLE:                               |   |         |      |
| 50.0 Lb   | Manhole Collar 812mm-864mm (32"-34") |   |         |      |
| 22.7 Kg   |                                      |   |         |      |
| COLOR:  | Material:                            | SHEET(S):   | PROJET: | Rev. |
| Yellow XTIRPA   | Aluminum                             | 2 / 4   | IN-2223 | 02   |

**SPECIFICATIONS**

H This equipment is considered as part of a personal fall arrest system (PFAS).

It is only to be used in conjunction with a personal fall arrest system that limits the maximum arrest force (MAF) to 6,0 kN.

|                              |            |                 |
|------------------------------|------------|-----------------|
| G Working load limit (WLL) : | 164 kg     | (360 lb)        |
| Minimum breaking strength :  | 16,0 kN    | (3 600 lbf)     |
| Maximum working moment :     | 0,732 kN•m | (6 480 lbf•in)  |
| Maximum design moment :      | 7,320 kN•m | (64 800 lbf•in) |

**STANDARDS**

| Name                  | Classification | Year | Users |
|-----------------------|----------------|------|-------|
| E ANSI Z359.1 (R1999) |                | 2007 | 1     |
| CSA Z259.2.1          |                | 1998 | 1     |
| OSHA 1910.66          | App C          |      | 1     |
| EN 795                | B              | 2012 | 1     |
| TS 16415              |                | 2013 | 2     |

**MATERIAL AND CONSTRUCTION**

|                         |                       |
|-------------------------|-----------------------|
| C Structure :           | Aluminum 6061-T6      |
| Hardware :              | Stainless Steel       |
| Welding certification : | Aluminum : CSA W47,2M |

**RESTRICTIONS**

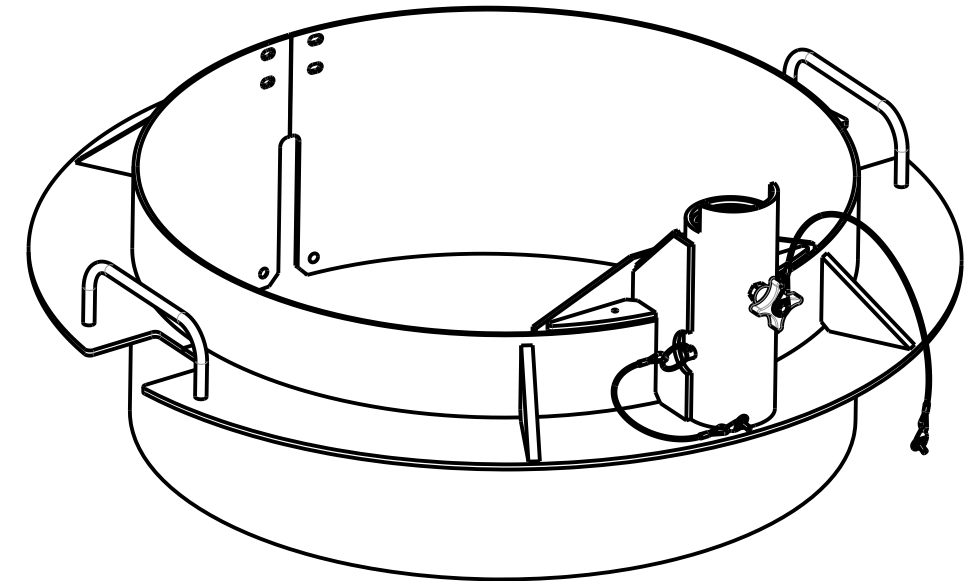
B This equipment is to be used only with products approved by Innova Public Utility Products Inc.

This equipment must always be operated on a level surface.

Ensure that all hardwares and connecting pins are properly installed before use.

A In the occurrence of a fall or that the safety of the equipment is in doubt, the equipment must be immediately removed from service and inspected by qualified personnel before reuse.

Product number: **IN-2223**



**Also Available Clear Anodized**

|  |                                      |           |         |      |
|--|--------------------------------------|-----------|---------|------|
| PAT.NO.:   |                                      |           |         |      |
|  |                                      |           |         |      |
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| WEIGHT:  | TITLE:                               |           |         |      |
| 50.0 Lb  | Manhole Collar 812mm-864mm (32"-34") |           |         |      |
| 22.7 Kg  |                                      |           |         |      |
| COLOR:   | Material:                            | SHEET(S): | PROJET: | Rev. |
| Yellow XTIRPA  | Aluminum                             | 3 / 4     | IN-2223 | 02   |

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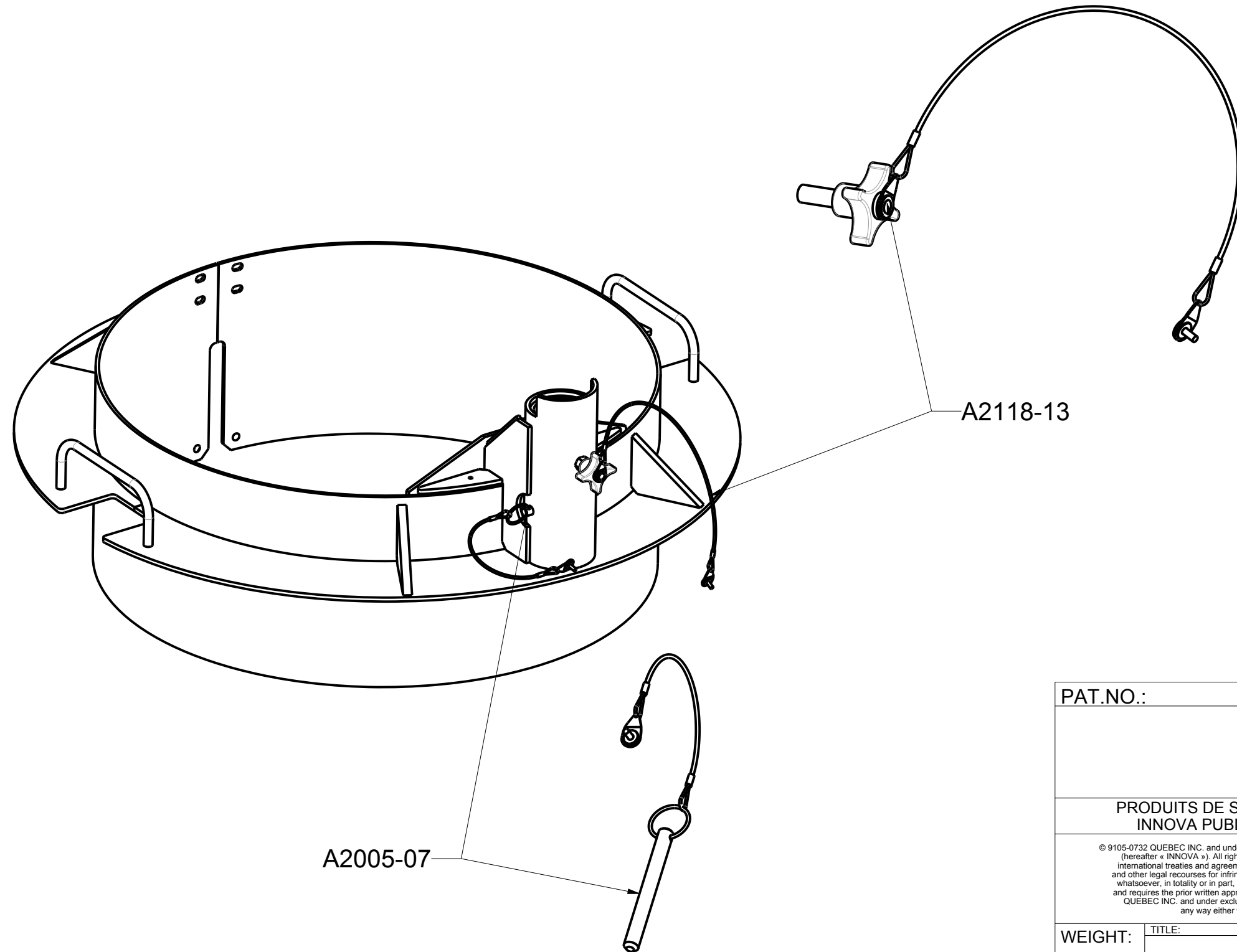
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Product number: IN-2223

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| WEIGHT:  | TITLE:                               |   |         |      |
| 50.0 Lb  | Manhole Collar 812mm-864mm (32"-34") |   |         |      |
| 22.7 Kg  |                                      |   |         |      |
| COLOR:   | Material:                            | SHEET(S):   | PROJET: | Rev. |
| Yellow XTIRPA  | Aluminum                             | 4 / 4   | IN-2223 | 02   |

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