


| 11   | 1    | 2026 | Nut, M20                | DIN 439, A4        | A    |
|------|------|------|-------------------------|--------------------|------|
| 10   |      | 8015 | Glue                    | Loctite 641        | A    |
| 9    | 1    | 2033 | Washer Ø21 / Ø37 X 3    | (DIN 125), A4      | A    |
| 8    | 1    | 2018 | Bolt M20 X 90           | DIN 931, A4        |      |
| 7    | 1    | 2022 | Locknut, M8             | DIN 985, A4        | A    |
| 6    | 1    | 2010 | Bolt, M8 X 95           | (DIN 931), A4      | A    |
| 5    | 12   | 2052 | Pop Rivet, 4 X 12       | Edelstål           | A    |
| 4    | 1    | 7012 | Plate, 157 X 75 X 4     | Nitril             | A    |
| 3    |      | 8012 | Contact glue            | Tremco PL 400      | A    |
| 2    | 1    | 1162 | Clamp                   | NS-EN 1982, CC333G |      |
| 1    | 1    | 1161 | Clamp                   | NS-EN 1982, CC333G |      |
| ITEM | QTY. | P/N  | NAME / TYPE / DIMENSION | NORM. MATERIAL     | REV. |

NOTE

1. MARKING
  - 1.1. Marking in casting process / engraving.
    - 1.1.1. Clamp number.
    - 1.1.2. Batch number.
    - 1.1.3. Customer part number.
2. TORQUE
  - 2.1. Recommended torque in user manual.
3. DRAWING
  - 3.1. General arrangement for ordering.
    - 3.1.1. Umbilical dimension and wire dimension should be specified.
    - 3.1.2. Clamp will be machined to specific wire dimension.

|   |                |   |                 |
|---|----------------|---|-----------------|
| DRAWING TYPE  | DESIGNER       | LAST SAVED  | REV.            |
| Ordering  | Torstein Olsen | 29.08.11  | A               |
| UNLESS OTHERWISE SPECIFIED  | DIM./TOL.      | ROUGHNESS   |                 |
|   | FILET RAD.     | BROKEN EDGES  | THREAD TOL.     |
|   |                | R 0,1-0,5   |                 |
| <p>The drawing is the property of Polar Clamps AS and shall neither be copied nor presented to non without a written consent.</p> |                |   |                 |
| <p>STANDARD<br/>PIONEER CLAMP</p>   |                | SCALE   | SIZE            |
| <p>135-155_19-28_A</p>  |                | 1:2.5   | A4              |
| UMBILICAL DIMENSION   | WIRE DIMENSION | WEIGHT  | FILE            |
| 135-155mm   | 19-28mm        | 9.0 Kg  | 135-155_19-28_A |
| GENERAL ARRANGEMENT   |                | DRAWING NO.   |                 |
|    |                | <p>www.polarclamps.no<br/>post@polarclamps.no<br/>+47 72 55 23 80<br/>+47 72 55 56 79</p> |                 |
|   |                | <p><b>G1</b></p>  |                 |