



Mining And Surface Certification (Pty) Ltd

(Pty) Ltd: 2015/021934/07

IN TERMS OF REGULATION 21.17.2 OF THE MINERALS ACT (INCORPORATION THE MINE HEALTH AND SAFETY ACT) AND REGULATION 9 (1) OF THE ELECTRICAL MACHINERY REGULATIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT

| | | | |
|---|--|--|-----------------|
| IA CERTIFICATE | MASC MS/19-9011X | Issue | 0 |
| Issue Date | 10 March 2021 | Expiry Date | 10 March 2031 |
| Applicant | Pratley Manufacturing (Pty) Limited 14 Jackson Street, Fectoria, Krugersdorp, 1745, Gauteng, South Africa | | |
| Manufacturer | Pratley Manufacturing (Pty) Limited 14 Jackson Street, Fectoria, Krugersdorp, 1745, Gauteng, South Africa | | |
| Description (See "Annex A" below) | | | |
| Equipment | Flameproof Cable Glands for unarmoured, armoured and braided cable. | Type | See description |
| MARKING: <i>Must be additionally applied to the equipment</i> | Applicant / Manufacturer Type Ex Marking IA Number Serial Number Rating | Pratley Manufacturing (Pty) Limited See description Ex db I Mb, Ex db IIC Gb, Ex eb I Mb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da. IP66/68 MASC MS/19-9011X See "Annex A" below N/A | |
| WARNING(S) | N/A | | |
| Compliance: | | | |
| The equipment as described above and in report ZA/ICS/ExTR19.0017/00 has been allocated the rating <u>Explosion Protected Ex db I Mb, Ex db IIC Gb, Ex eb I Mb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, IP66/68</u> utilizing the SANS/IEC Standards: | | | |
| <ul style="list-style-type: none"> SANS (IEC) 60079-0:2019 General requirements SANS (IEC) 60079-1:2015 Equipment protection by flameproof enclosures "d" SANS (IEC) 60079-7:2019 Equipment protection by increased safety "e" SANS (IEC) 60079-31:2014 Equipment dust ignition protection by enclosure "t" IEC 60079-15:2015 Equipment protection by type of protection "n" | | | |
| <i>NB: This certificate only covers the standard(s) as indicated above. It is up to the manufacturer and end user to determine whether other standards are applicable for compliance to the site requirements, as well as compliance to the relevant legislation and/or regulations.</i> | | | |
| Special conditions of safe use X: | | | |
| <ul style="list-style-type: none"> See "Annex A" below | | | |
| Conditions of manufacture: | | | |
| <ul style="list-style-type: none"> See "Annex A" below | | | |
| Terine Orsmond TECHNICAL OFFICER | | Regardt Zeelie TECHNICAL SPECIALIST | |
| <p style="text-align: center;">This certificate only covers the sample submitted and does not cover production units.</p> <p style="text-align: center;">According to the relevant requirements of the MHS Act and the OHS Act, production units of explosion protected equipment are required to comply with third party quality assurance (an approved mark scheme or batch testing by an accredited test laboratory).</p> | | | |



Apparatus in hazardous locations is subject to the following provisions as applicable, which shall be adhered to:

- SANS 10086 requirements;
- Any conditions mentioned in the above certificate;
- Any relevant requirements of the MHS Act and code of practice enforced in terms of regulations 21.17.2 of the minerals act;
- Any restrictions and conditions enforced by the chief inspector of mines, principal inspector (Group I equipment) or chief inspector of factories (Group II equipment).

This certificate may only be reproduced in full.
This certificate is not transferable and remains the property of the issuing body

Mining And Surface Certification (Pty) Ltd
Unit 5 Lelyta Park, 45 Jurg Ave. Hennospark Ext 87
Centurion, 0157



IA CERTIFICATE: MASC MS/19-9011X
Equipment: Flameproof Cable Glands for
unarmoured, armoured and braided cable.
Expiry date: 09 March 2031

ANNEX A

| Description | <p>The Flameproof Cable Gland range is manufactured from brass, 304 or 316 stainless steel. The cable glands utilize cylindrical threaded joints and are intended to terminate unarmoured, armoured or braided cables of circular type into an enclosure without compromising the explosion protection provided by the enclosure in accordance with relevant codes of practice. Sealing is achieved by an elastomeric sealing ring which seals against the cable inside the gland. Retention is achieved by the same method as sealing, in the case of the glands for unarmoured cable, and by means of a metallic cone arrangement, in the case of the glands for armoured and braided cables. Protection concepts include; flameproof, increased safety and restricted breathing, for groups I and IIC, along with dust protection for Group IIIC. The cable gland range has an ingress protection rating of IP66 and IP68 with the degree of protection IPX8 corresponding to an immersion of 350 meters under water.</p> <p>The rated service temperature of the glands is -35°C to 120°C.</p> <p>Gland selection and sizing for unarmoured cables:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------------------|------------------|-----------------------------|-------------------|------|------------------------|--------------------------------------|--|-------------------|-------|-------|------|------------|--------------------|--|------------------|--|-------------------|--|------------------------|--------------------------------------|--|-------------------|-----|-----|--------|-----|--------|-----|------|-----|-----|-----|---|------|---|----|----|---|----|----|-----|-----|-----|---|------|---|----|----|---|----|-----|-----|-----|-----|---|------|---|----|----|---|----|----|-----|-----|-----|----|------|------|----|----|----|----|---|-----|------|-----|----|------|------|----|----|----|----|---|------|------|-----|----|------|------|----|----|----|----|------|---|------|------|-----|----|------|------|----|----|----|----|------|---|------|------|-----|----|------|------|----|----|----|----|------|---|------|------|-----|-----|------|------|----|----|----|----|------|---|------|------|-----|----|------|------|----|----|-----|----|----|------|------|-----|-----|------|------|-----|----|-----|----|----|------|------|-----|-----|------|------|-----|----|-----|----|----|------|------|-----|-----|------|------|-----|----|---|----|----|------|------|-----|-----|------|------|-----|----|---|----|---|------|------|-----|----|------|------|-----|----|---|-----|---------|--|------------|--|--|--|--|--|--|--|--|--|-----------------------------|----------------|--------|----|---|---|---|---|---|---|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|--------|-----|----|----|----|----|----|----|-----|-----|-----|----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|-----|--------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-----|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|-----|--------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------|--|--------|------|------|------|------|------|-------|-------|-------|-------|-------|-----------------|--|--------|------|------|------|------|------|------|------|-------|-------|-------|------------------------------|--|--------|------|------|------|------|------|------|------|-------|-------|--------------------------------|--|--------|------|------|------|------|------|------|------|------|------|------------------------------|--|--------|------|------|------|------|------|------|------|------|------|-----------------------------------|--|--------|------|------|------|------|------|------|------|------|
| | <table border="1"> <thead> <tr> <th colspan="2">Table 1</th> <th colspan="10">GLAND SELECTION INFORMATION</th> </tr> <tr> <th rowspan="2">Gland size</th> <th colspan="2">Cable Diameter "D"</th> <th colspan="2">Entry "C" Thread</th> <th colspan="2">Nipple Length "A"</th> <th rowspan="2">Install Torque (Nm) T1</th> <th rowspan="2">"B" Max Protrusion Length (Nut type)</th> <th rowspan="2">"B" Max Protrusion Length (Hose/tail type)</th> <th rowspan="2">"AC" Max Diameter</th> </tr> <tr> <th>Min</th> <th>Max</th> <th>Metric</th> <th>NPT</th> <th>Metric</th> <th>NPT</th> </tr> </thead> <tbody> <tr><td>00xs</td><td>3.0</td><td>6.0</td><td>M16</td><td>-</td><td>15.0</td><td>-</td><td>15</td><td>33</td><td>-</td><td>25</td></tr> <tr><td>00</td><td>4.5</td><td>8.5</td><td>M16</td><td>-</td><td>15.0</td><td>-</td><td>15</td><td>33</td><td>-</td><td>25</td></tr> <tr><td>0xs</td><td>3.0</td><td>6.0</td><td>M20</td><td>-</td><td>15.0</td><td>-</td><td>15</td><td>33</td><td>-</td><td>25</td></tr> 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rowspan="2">40</td><td rowspan="2">85</td><td rowspan="2">48</td></tr> <tr><td>25.6</td></tr> <tr><td rowspan="2">4</td><td rowspan="2">26.3</td><td rowspan="2">34.7</td><td rowspan="2">M40</td><td>1½"</td><td rowspan="2">15.0</td><td>25.6</td><td rowspan="2">75</td><td rowspan="2">46</td><td rowspan="2">91</td><td rowspan="2">62</td></tr> <tr><td>26.0</td></tr> <tr><td>5</td><td>34.7</td><td>43.3</td><td>M50</td><td>2"</td><td>15.0</td><td>26.9</td><td>90</td><td>57</td><td>103</td><td>79</td></tr> <tr><td>6S</td><td>43.3</td><td>49.3</td><td>M63</td><td>2½"</td><td>15.0</td><td>39.9</td><td>130</td><td>63</td><td>108</td><td>92</td></tr> <tr><td>6L</td><td>49.3</td><td>55.8</td><td>M63</td><td>2½"</td><td>15.0</td><td>39.9</td><td>130</td><td>63</td><td>108</td><td>92</td></tr> <tr><td>7S</td><td>55.8</td><td>61.7</td><td>M75</td><td>2½"</td><td>15.0</td><td>39.9</td><td>130</td><td>69</td><td>-</td><td>93</td></tr> 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<td>1"</td> <td>1¼"</td> <td>1¼"</td> <td>1½"</td> <td>2"</td> <td>2½"</td> <td>2½"</td> </tr> <tr> <td>NPT</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> </tr> <tr> <td rowspan="2">(D1) Bedding Diameter</td> <td rowspan="2">Min</td> <td>Metric</td> <td>6.5</td> <td>8.5</td> <td>12.6</td> <td>14.7</td> <td>20.4</td> <td>26.3</td> <td>34.7</td> <td>43.3</td> <td>49.3</td> <td>55.8</td> <td>61.7</td> <td>67.5</td> <td>73.8</td> </tr> <tr> <td>Max</td> <td>8.5</td> <td>12.6</td> <td>14.7</td> <td>20.4</td> <td>26.3</td> <td>34.7</td> <td>43.3</td> <td>49.3</td> <td>55.8</td> <td>61.7</td> <td>67.5</td> <td>73.8</td> </tr> <tr> <td rowspan="2">(D2) Outer Sheath Diameter</td> <td rowspan="2">Min</td> <td>Metric</td> <td>10.3</td> <td>12.6</td> <td>16.0</td> <td>21.5</td> <td>25.0</td> <td>32.5</td> <td>42.0</td> <td>52.5</td> <td>52.5</td> <td>52.5</td> <td>52.5</td> <td>52.5</td> <td>52.5</td> </tr> <tr> <td>Max</td> <td>14.0</td> <td>18.6</td> <td>22.1</td> <td>27.2</td> <td>33.2</td> <td>43.2</td> <td>53.2</td> <td>67.0</td> <td>67.0</td> <td>67.0</td> <td>67.0</td> <td>67.0</td> </tr> <tr> <td rowspan="2">(D3) Armour Wire Size</td> <td rowspan="2">Min</td> <td>Metric</td> <td>0.9</td> <td>0.9</td> <td>0.9</td> <td>1.25</td> <td>1.6</td> <td>1.6</td> <td>2.0</td> <td>2.5</td> <td>2.5</td> <td>2.5</td> <td>2.5</td> <td>2.5</td> </tr> <tr> <td>Max</td> <td>1.25</td> <td>1.25</td> <td>1.25</td> <td>1.6</td> <td>2.0</td> <td>2.0</td> <td>2.5</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td rowspan="2">(D4) Braid Thickness</td> <td rowspan="2">Min</td> <td>Metric</td> <td>N/A</td> <td>0.3</td> <td>0.3</td> <td>0.3</td> <td>0.4</td> <td>0.6</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> </tr> <tr> <td>Max</td> <td>N/A</td> <td>1.0</td> <td>1.2</td> <td>1.2</td> <td>1.5</td> <td>1.6</td> <td>1.7</td> <td>1.7</td> <td>1.7</td> <td>1.7</td> <td>1.7</td> </tr> <tr> <td>B Max Protrusion Length</td> <td></td> <td>Metric</td> <td>64.0</td> <td>64.0</td> <td>72.0</td> <td>80.0</td> <td>90.0</td> <td>103.0</td> <td>123.0</td> <td>151.0</td> <td>151.0</td> <td>151.0</td> </tr> <tr> <td>AC Max Diameter</td> <td></td> <td>Metric</td> <td>31.0</td> <td>31.0</td> <td>34.0</td> <td>40.0</td> <td>51.0</td> <td>63.0</td> <td>79.0</td> <td>102.0</td> <td>102.0</td> <td>102.0</td> </tr> <tr> <td>T1 Install Torque (Seal)(Nm)</td> <td></td> <td>Metric</td> <td>15.0</td> <td>20.0</td> <td>25.0</td> <td>35.0</td> <td>55.0</td> <td>75.0</td> <td>90.0</td> <td>115.0</td> <td>115.0</td> </tr> <tr> <td>T2 Install Torque (Armour)(Nm)</td> <td></td> <td>Metric</td> <td>13.0</td> <td>15.0</td> <td>20.0</td> <td>25.0</td> <td>35.0</td> <td>50.0</td> <td>65.0</td> <td>75.0</td> <td>75.0</td> </tr> <tr> <td>L1 Bedding Trim Length (min)</td> <td></td> <td>Metric</td> <td>33.0</td> <td>33.0</td> <td>35.0</td> <td>37.0</td> <td>40.0</td> <td>43.0</td> <td>48.0</td> <td>52.0</td> <td>52.0</td> </tr> <tr> <td>L2 Armour/Braid Trim Length (max)</td> <td></td> <td>Metric</td> <td>23.0</td> <td>23.0</td> <td>26.0</td> <td>27.0</td> <td>30.0</td> <td>32.0</td> <td>42.0</td> <td>46.0</td> <td>46.0</td> </tr> </tbody> </table> | Table 1 | | GLAND SELECTION INFORMATION | | | | | | | | | | Gland size | Cable Diameter "D" | | Entry "C" Thread | | Nipple Length "A" | | Install Torque (Nm) T1 | "B" Max Protrusion Length (Nut type) | "B" Max Protrusion Length (Hose/tail type) | "AC" Max Diameter | Min | Max | Metric | NPT | Metric | NPT | 00xs | 3.0 | 6.0 | M16 | - | 15.0 | - | 15 | 33 | - | 25 | 00 | 4.5 | 8.5 | M16 | - | 15.0 | - | 15 | 33 | - | 25 | 0xs | 3.0 | 6.0 | M20 | - | 15.0 | - | 15 | 33 | - | 25 | 0s | 4.5 | 8.5 | M20 | ½" | 15.0 | 19.9 | 15 | 33 | 63 | 29 | 0 | 8.5 | 12.6 | M20 | ½" | 15.0 | 19.9 | 20 | 33 | 63 | 29 | 1 | 12.6 | 14.7 | M20 | ¾" | 15.0 | 19.9 | 25 | 36 | 66 | 32 | 20.2 | 2 | 14.7 | 20.4 | M25 | ¾" | 15.0 | 20.2 | 35 | 37 | 67 | 38 | 25.0 | 3 | 20.4 | 26.3 | M32 | 1" | 15.0 | 25.0 | 55 | 40 | 85 | 48 | 25.6 | 4 | 26.3 | 34.7 | M40 | 1½" | 15.0 | 25.6 | 75 | 46 | 91 | 62 | 26.0 | 5 | 34.7 | 43.3 | M50 | 2" | 15.0 | 26.9 | 90 | 57 | 103 | 79 | 6S | 43.3 | 49.3 | M63 | 2½" | 15.0 | 39.9 | 130 | 63 | 108 | 92 | 6L | 49.3 | 55.8 | M63 | 2½" | 15.0 | 39.9 | 130 | 63 | 108 | 92 | 7S | 55.8 | 61.7 | M75 | 2½" | 15.0 | 39.9 | 130 | 69 | - | 93 | 7L | 61.7 | 67.5 | M75 | 2½" | 15.0 | 39.9 | 130 | 69 | - | 93 | 8 | 67.5 | 73.8 | M82 | 3" | 15.0 | 41.5 | 145 | 71 | - | 101 | Table 1 | | GLAND SIZE | | | | | | | | | | GLAND SELECTION INFORMATION | C Entry Thread | Metric | 0s | 0 | 1 | 2 | 3 | 4 | 5 | 6s | 6L | M20 | M20 | M20 | M25 | M32 | M40 | M50 | M63 | M63 | A Thread Length | NPT | Metric | 1½" | ½" | ½" | ¾" | ¾" | 1" | 1" | 1¼" | 1¼" | 1½" | 2" | 2½" | 2½" | NPT | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | (D1) Bedding Diameter | Min | Metric | 6.5 | 8.5 | 12.6 | 14.7 | 20.4 | 26.3 | 34.7 | 43.3 | 49.3 | 55.8 | 61.7 | 67.5 | 73.8 | Max | 8.5 | 12.6 | 14.7 | 20.4 | 26.3 | 34.7 | 43.3 | 49.3 | 55.8 | 61.7 | 67.5 | 73.8 | (D2) Outer Sheath Diameter | Min | Metric | 10.3 | 12.6 | 16.0 | 21.5 | 25.0 | 32.5 | 42.0 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | Max | 14.0 | 18.6 | 22.1 | 27.2 | 33.2 | 43.2 | 53.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | (D3) Armour Wire Size | Min | Metric | 0.9 | 0.9 | 0.9 | 1.25 | 1.6 | 1.6 | 2.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | Max | 1.25 | 1.25 | 1.25 | 1.6 | 2.0 | 2.0 | 2.5 | 3.0 | 3.0 | 3.0 | 3.0 | (D4) Braid Thickness | Min | Metric | N/A | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | Max | N/A | 1.0 | 1.2 | 1.2 | 1.5 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | B Max Protrusion Length | | Metric | 64.0 | 64.0 | 72.0 | 80.0 | 90.0 | 103.0 | 123.0 | 151.0 | 151.0 | 151.0 | AC Max Diameter | | Metric | 31.0 | 31.0 | 34.0 | 40.0 | 51.0 | 63.0 | 79.0 | 102.0 | 102.0 | 102.0 | T1 Install Torque (Seal)(Nm) | | Metric | 15.0 | 20.0 | 25.0 | 35.0 | 55.0 | 75.0 | 90.0 | 115.0 | 115.0 | T2 Install Torque (Armour)(Nm) | | Metric | 13.0 | 15.0 | 20.0 | 25.0 | 35.0 | 50.0 | 65.0 | 75.0 | 75.0 | L1 Bedding Trim Length (min) | | Metric | 33.0 | 33.0 | 35.0 | 37.0 | 40.0 | 43.0 | 48.0 | 52.0 | 52.0 | L2 Armour/Braid Trim Length (max) | | Metric | 23.0 | 23.0 | 26.0 | 27.0 | 30.0 | 32.0 | 42.0 | 46.0 |
| Table 1 | | GLAND SELECTION INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gland size | Cable Diameter "D" | | Entry "C" Thread | | Nipple Length "A" | | Install Torque (Nm) T1 | "B" Max Protrusion Length (Nut type) | "B" Max Protrusion Length (Hose/tail type) | "AC" Max Diameter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Min | Max | Metric | NPT | Metric | NPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00xs | 3.0 | 6.0 | M16 | - | 15.0 | - | 15 | 33 | - | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00 | 4.5 | 8.5 | M16 | - | 15.0 | - | 15 | 33 | - | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0xs | 3.0 | 6.0 | M20 | - | 15.0 | - | 15 | 33 | - | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0s | 4.5 | 8.5 | M20 | ½" | 15.0 | 19.9 | 15 | 33 | 63 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 8.5 | 12.6 | M20 | ½" | 15.0 | 19.9 | 20 | 33 | 63 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 12.6 | 14.7 | M20 | ¾" | 15.0 | 19.9 | 25 | 36 | 66 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 20.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 14.7 | 20.4 | M25 | ¾" | 15.0 | 20.2 | 35 | 37 | 67 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 25.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 20.4 | 26.3 | M32 | 1" | 15.0 | 25.0 | 55 | 40 | 85 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 25.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 26.3 | 34.7 | M40 | 1½" | 15.0 | 25.6 | 75 | 46 | 91 | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 26.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 34.7 | 43.3 | M50 | 2" | 15.0 | 26.9 | 90 | 57 | 103 | 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S | 43.3 | 49.3 | M63 | 2½" | 15.0 | 39.9 | 130 | 63 | 108 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6L | 49.3 | 55.8 | M63 | 2½" | 15.0 | 39.9 | 130 | 63 | 108 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7S | 55.8 | 61.7 | M75 | 2½" | 15.0 | 39.9 | 130 | 69 | - | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7L | 61.7 | 67.5 | M75 | 2½" | 15.0 | 39.9 | 130 | 69 | - | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 67.5 | 73.8 | M82 | 3" | 15.0 | 41.5 | 145 | 71 | - | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Table 1 | | GLAND SIZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GLAND SELECTION INFORMATION | C Entry Thread | Metric | 0s | 0 | 1 | 2 | 3 | 4 | 5 | 6s | 6L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | M20 | M20 | M20 | M25 | M32 | M40 | M50 | M63 | M63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A Thread Length | NPT | Metric | 1½" | ½" | ½" | ¾" | ¾" | 1" | 1" | 1¼" | 1¼" | 1½" | 2" | 2½" | 2½" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NPT | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (D1) Bedding Diameter | Min | Metric | 6.5 | 8.5 | 12.6 | 14.7 | 20.4 | 26.3 | 34.7 | 43.3 | 49.3 | 55.8 | 61.7 | 67.5 | 73.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Max | 8.5 | 12.6 | 14.7 | 20.4 | 26.3 | 34.7 | 43.3 | 49.3 | 55.8 | 61.7 | 67.5 | 73.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (D2) Outer Sheath Diameter | Min | Metric | 10.3 | 12.6 | 16.0 | 21.5 | 25.0 | 32.5 | 42.0 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Max | 14.0 | 18.6 | 22.1 | 27.2 | 33.2 | 43.2 | 53.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (D3) Armour Wire Size | Min | Metric | 0.9 | 0.9 | 0.9 | 1.25 | 1.6 | 1.6 | 2.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Max | 1.25 | 1.25 | 1.25 | 1.6 | 2.0 | 2.0 | 2.5 | 3.0 | 3.0 | 3.0 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (D4) Braid Thickness | Min | Metric | N/A | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Max | N/A | 1.0 | 1.2 | 1.2 | 1.5 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B Max Protrusion Length | | Metric | 64.0 | 64.0 | 72.0 | 80.0 | 90.0 | 103.0 | 123.0 | 151.0 | 151.0 | 151.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC Max Diameter | | Metric | 31.0 | 31.0 | 34.0 | 40.0 | 51.0 | 63.0 | 79.0 | 102.0 | 102.0 | 102.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 Install Torque (Seal)(Nm) | | Metric | 15.0 | 20.0 | 25.0 | 35.0 | 55.0 | 75.0 | 90.0 | 115.0 | 115.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 Install Torque (Armour)(Nm) | | Metric | 13.0 | 15.0 | 20.0 | 25.0 | 35.0 | 50.0 | 65.0 | 75.0 | 75.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L1 Bedding Trim Length (min) | | Metric | 33.0 | 33.0 | 35.0 | 37.0 | 40.0 | 43.0 | 48.0 | 52.0 | 52.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L2 Armour/Braid Trim Length (max) | | Metric | 23.0 | 23.0 | 26.0 | 27.0 | 30.0 | 32.0 | 42.0 | 46.0 | 46.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard compliance | See "certificate" above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warnings | See "certificate" above | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditions of Certification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Special Conditions of safe use (X) | <ul style="list-style-type: none"> The cable glands shall only be used where the temperature, at the point of entry, is between -35°C and 120°C. The appropriate ingress protection level / restricted breathing and / or flameproof characteristics must be achieved and maintained at the interface of the gland with the enclosure. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditions of manufacture | <ul style="list-style-type: none"> None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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