## Cable Gland Selection Table

### Dimensions in mm

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<tbody>
<tr>
<td></td>
<td>Metric</td>
<td>NPT</td>
<td>Metric</td>
<td>NPT Min / Max</td>
<td>Min / Max</td>
<td>Min / Max</td>
<td>Across Flats [A]</td>
<td>Across Corners</td>
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<tr>
<td>20S</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>M20 x 1.5</td>
<td>6.3</td>
<td>11.7</td>
<td>4.0</td>
<td>7.0</td>
<td>15.5</td>
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<td>0.10-0.30</td>
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<tr>
<td>20R</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>M20 x 1.5</td>
<td>8.1</td>
<td>13.5</td>
<td>5.8</td>
<td>6.2</td>
<td>20.5</td>
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<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>M20 x 1.5</td>
<td>10.3</td>
<td>13.5</td>
<td>5.6</td>
<td>9.0</td>
<td>20.5</td>
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<td>0.10-0.30</td>
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</tbody>
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### Notes

- Gland size does not necessarily equate to the entry thread size.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.

#### Accessories

- **Locknut**: Brass (ACBLN) / Stainless Steel (ACSLN)
- **Earth Tag**: Brass (ACBET) / Stainless Steel (ACSET)
- **IP Washers**: Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPFSW)
- **Serrated Washers**: Stainless Steel (ACSSW)

#### Operating Temp.
Silicone Seal -50ºC to +180ºC

#### Materials
- Brass or Stainless Steel
- Electroless Nickel

#### IP Rating:
- IP66 & IP68 (50 metres - 7 Days)

## PRODUCT DESCRIPTION

"D8XCM" type glands are certified Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIC. Developed for flat cables, they provide controlled Ex d, IP sealing and have been tested to IP66 and IP68 to 50 metres. The "D8XCM" version is designed to accommodate armoured cables sealing on the inner sheath and also incorporates a detachable armour specific clamping system. The gland features a male conduit connection thread as standard.

### Compliance Standards:
- EN 60079-0
- EN 60079-1
- EN 60079-7
- EN 60079-15
- EN 60079-31
- IEC 60079-0
- IEC 60079-1
- IEC 60079-7
- IEC 60079-31
- IEC 60529

### Certification:
- ATEX
- IECEx
- INMETRO - Brazil
- SAC - China
- CCCe - India
- LLOYD'S

### Certification No:
- ATEX
- SIRA 01ATEX1270X & SIRA 09ATEX1221X
- IECEx
- IECEx SIR 05.0020X
- INMETRO - Brazil
- NCC 13.2187 X
- SAC - China
- NEPSI GYJ16.1398X
- CCoE - India
- PESO P365300/2 & P365300/6
- LLOYD'S
- 10/00059/E1

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Peppers Cable Glands Limited will not be held responsible for clients’ installations where this has not been taken into account.

- When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.