### CABLE GLAND SELECTION TABLE

**EXAMPLE PART NUMBERING:**

| Dimensions (A) & (B) | may differ for glands with non metric entry threads. |

**Gland size does not necessarily equate to the entry thread size.**

- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- 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.
- When selecting IP Washer material for use with glands, please be aware this has not been taken into account.
- Where approval in addition to ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.

**NOTES:**

- 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, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.

**PRODUCT DESCRIPTION**

"D8X" 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 sealing and have been tested to IP66 and IP68 to 50 metres. The "D8X" version is designed to accommodate armoured cables, sealing on the inner sheath and also incorporates a detachable armour specific clamping system.

**COMPLIANCE STANDARDS:**

- **EXD, EXE, EXN R, EXTA:**
  - IEC Ex d IIC / Ex d IIIC X / Ex e IIC / Ex e IIIC Gb / Ex nR IIC Gb / Ex ta IIIC Da
  - IECEx Ex d IIC / Ex d IIIC / Ex d IIC Gb / Ex e IIC / Ex e IIIC Gb / Ex nR IIC Gb / Ex ta IIIC Da
  - NEC USA Class I Zone 1 / AEx e IIC Gb
  - ATEX ll 1D 2G Ex d llC Gb / Ex e llC Gb / Ex ta llC Da
  - ATEX ll 3G Ex nR llC Gc
  - ATEX ll 1D 2G Ex d llC Gb / Ex e llC Gb / Ex ta llC Da
  - ATEX Class I Division 1, Groups E, F & G
  - IECEx ll 1D 2G Ex d llC Gb / Ex e llC Gb / Ex ta llC Da
  - ATEX Class II Division 1, Groups E, F & G
  - ATEX ll 1D 2G Ex d llC Gb / Ex e llC Gb / Ex ta llC Da
  - ATEX ll 3G Ex nR llC Gc
  - ATEX ll 1D 2G Ex d llC Gb / Ex e llC Gb / Ex ta llC Da
  - ATEX ll 3G Ex nR llC Gc

**CERTIFICATION:**

- **ATEX:**
  - SPRA 01ATEX1270X & SPRA 01ATEX1221X
  - IECEx IECEx SR 05.0020X
  - NEC USA CSA 207370
  - ATEX U A TR.047 C.0408-13 & 2037
  - ATEX PESO P5653002 & P5635001
  - ATEX 14-LD463991-1-PDA
  - ATEX 10-0006(E1)
  - ATEX 14.02755.315
  - ATEX 14.02755.315

- **IECEx:**
  - 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 60079-15
  - IEC 60079-31

- **NEC USA:**
  - IECEx SR 05.0020X
  - NEC USA CSA 207370
  - NEC USA PESO P5653002 & P5635001
  - NEC USA 14-LD463991-1-PDA
  - NEC USA 10-0006(E1)
  - NEC USA 14.02755.315

- **ATEX:**
  - EN 60079-0
  - EN 60079-1
  - EN 60079-7
  - EN 60079-15
  - EN 60079-31

- **IECEx:**
  - IECEx SIR 05.0020X
  - IECEx SIR 09ATEX1270X & IECEx SIRA 01ATEX1221X
  - IECEx SIRA 09ATEX1270X & IECEx SIRA 09ATEX1221X

- **SIRA:**
  - IECEx SIR 05.0020X
  - IECEx SIR 09ATEX1270X & IECEx SIRA 01ATEX1221X
  - IECEx SIR 09ATEX1270X & IECEx SIRA 01ATEX1221X

- **UKRAINE:**
  - NCC 13.0121.87X
  - UKRAINE UA.TR.047 C.0408-13 & 2037
  - UKRAINE UA.TR.047 C.0408-13 & 2037

- **CCoE - India:**
  - Petroleum Rules 2002 (PESO)
  - Petroleum Rules 2002 (PESO)

- **SAC - China:**
  - CCC - China NCC 13.0121.87X
  - CCC - China NCC 13.0121.87X

- **SAC - China:**
  - CCC - China NCC 13.0121.87X
  - CCC - China NCC 13.0121.87X

- **ABS:**
  - Specified ABS Rules
  - Specified ABS Rules

- **LLOYD’S:**
  - Enclosure Systems (Part 1B)
  - Enclosure Systems (Part 1B)

- **RMRS:**
  - Part XI of RB Rules for the classification & construction of sea-going ships (ed. 2014)
  - Part XI of RB Rules for the classification & construction of sea-going ships (ed. 2014)

- **ABS:**
  - Specified ABS Rules
  - Specified ABS Rules

- **LLOYD’S:**
  - Enclosure Systems (Part 1B)
  - Enclosure Systems (Part 1B)

- **RMRS:**
  - Part XI of RB Rules for the classification & construction of sea-going ships (ed. 2014)
  - Part XI of RB Rules for the classification & construction of sea-going ships (ed. 2014)

- **NEPSI - India:**
  - Petroleum Rules 2002 (PESO)
  - Petroleum Rules 2002 (PESO)

- **EAC:**
  - Exd IICU / Exe IIU / ExnR IIU
  - Exd IICU / Exe IIU / ExnR IIU

- **INMETRO - Brazil:**
  - NBR 52660.8 B.00698
  - NBR 52660.8 B.00698

- **ABS:**
  - Specified ABS Rules
  - Specified ABS Rules

- **LLOYD’S:**
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  - Enclosure Systems (Part 1B)

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