

# E1W Gland Kit

## KA413 Series



**The E1W is a dual seal weatherproof high performance cable gland for steel wire armoured cables.**

### Features and benefits:

- Brass indoor & outdoor gland and accessories
- For galvanized-steel single-wire armour plastic or rubber sheathed cables
- Outer seal grips sheath of cable
- Inner seal grips bedding layer of cable
- Suitable for most climatic conditions, weatherproof and waterproof
- Three part armour lock with separate armour locking ring, ideal for checking electrical continuity

### Kit comprises:

E1W Gland  
Brass Earth Tag  
Brass Locknut  
PCP Shroud  
(2 per kit up to and including 25mm size)



## Technical Information:

Suitable for use with all Steel Wire Armoured Cables inc: BS 5467, BS 6622, BS 5308

CuZn39Pb3 brass alloy used for guaranteed strength and performance

Complies with BS EN 50262 & BS 6121-1: 1989

Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface

Service temperature range -20°C to +90°C

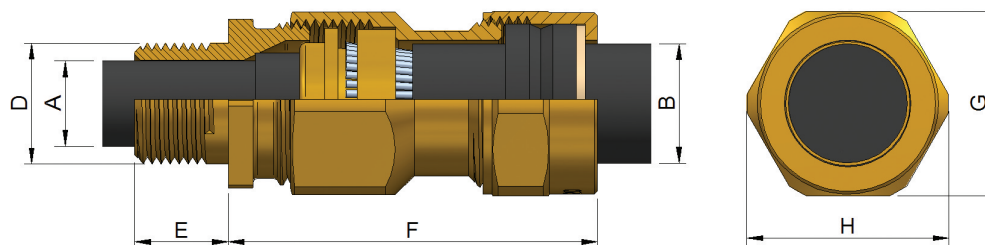
Metric & NPT versions available.

## Specifications

| Gland Kit Reference |               |        |     | Cable Dimensions mm |                        |      |               |      | Gland Dimensions mm |                  |                   |                       |         |         |
|---------------------|---------------|--------|-----|---------------------|------------------------|------|---------------|------|---------------------|------------------|-------------------|-----------------------|---------|---------|
| Design Reference    |               | Size   |     | Qty per Kit         | Under Armour Max Ø (A) |      | Overall Ø (B) |      | Armour Wire Ø       | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon |         |
| Standard            | Nickel Plated | Metric | NPT |                     | Min                    | Max  | Min           | Max  |                     |                  |                   |                       | A/F (G) | A/C (H) |
| KA413-51            | KA413-51V     | 16     |     | 2                   | 6.3                    | 8.6  | 8.0           | 13.2 | 0.9                 | M16×1.5          | 15                | 44                    | 23.4    | 26.7    |
| KA413-71            | KA413-71V     | 20SS   |     | 2                   | 6.3                    | 8.6  | 8.0           | 13.2 | 0.9                 | M20×1.5          | 15                | 44                    | 23.4    | 26.7    |
| KA413-52            | KA413-52V     | 20S    |     | 2                   | 8.7                    | 11.6 | 8.0           | 15.8 | 0.9/1.25            | M20×1.5          | 15                | 46                    | 25.6    | 28.6    |
| KA413-53            | KA413-53V     | 20     |     | 2                   | 11.7                   | 13.9 | 11.7          | 20.8 | 0.9/1.25            | M20×1.5          | 15                | 46                    | 30.5    | 34.0    |
| KA413-55            | KA413-55V     | 25     |     | 2                   | 13.0                   | 19.9 | 17.0          | 27.2 | 1.25/1.6            | M25×1.5          | 15                | 51                    | 37.6    | 42.2    |
| KA413-56            | KA413-56V     | 32     |     | 1                   | 20.0                   | 26.2 | 23.5          | 33.5 | 1.6/2.0             | M32×1.5          | 15                | 56                    | 47.3    | 53.6    |
| KA413-57            | KA413-57V     | 40     |     | 1                   | 26.3                   | 32.1 | 29.0          | 39.9 | 1.6/2.0             | M40×1.5          | 15                | 59                    | 56.4    | 61.5    |
| KA413-58            | KA413-58V     | 50S    |     | 1                   | 32.2                   | 38.1 | 38.0          | 46.2 | 2.0/2.5             | M50×1.5          | 15                | 64                    | 60.0    | 66.0    |
| KA413-59            | KA413-59V     | 50     |     | 1                   | 38.2                   | 44.0 | 39.5          | 52.6 | 2.0/2.5             | M50×1.5          | 15                | 64                    | 70.1    | 77.2    |
| KA413-60            | KA413-60V     | 63s    |     | 1                   | 44.1                   | 50.0 | 50.0          | 58.9 | 2.5                 | M63×1.5          | 15                | 67                    | 75.0    | 83.0    |
| KA413-61            | KA413-61V     | 63     |     | 1                   | 50.1                   | 55.9 | 51.3          | 65.3 | 2.5                 | M63×1.5          | 15                | 67                    | 80.0    | 87.4    |
| KA413-62            | KA413-62V     | 75s    |     | 1                   | 56.0                   | 61.9 | 62.0          | 71.6 | 2.5                 | M75×1.5          | 15                | 76                    | 90.8    | 101.2   |
| KA413-63            | KA413-63V     | 75     |     | 1                   | 62.0                   | 67.9 | 62.5          | 78.0 | 2.5                 | M75×1.5          | 15                | 76                    | 98.8    | 109.2   |
| KA413-64            | KA413-64V     | 85     |     | 1                   | 68.0                   | 74.0 | 68.0          | 88.0 | 3.15                | M85×2.0          | 20                | 102                   | 115.0   | 126.0   |
| KA413-65            | KA413-65V     | 90     |     | 1                   | 70.0                   | 78.0 | 79.0          | 90.0 | 3.15                | M90×2.0          | 20                | 140                   | Ø 132   |         |
| 413NP-03V           |               |        |     | 1                   | 6.3                    | 8.6  | 8.0           | 13.2 | 0.9                 | ½" NPT           | 15.2              | 44                    | 23.4    | 26.7    |
| 413NP-04V           |               |        |     | 1                   | 8.7                    | 11.6 | 8.0           | 15.8 | 0.9/1.25            | ½" NPT           | 15.2              | 46                    | 25.6    | 28.6    |
| 413NP-08V           |               |        |     | 1                   | 11.7                   | 13.9 | 11.7          | 20.8 | 0.9/1.25            | ¾" NPT           | 16.3              | 46                    | 30.5    | 34.0    |
| 413NP-14V           |               |        |     | 1                   | 13.0                   | 19.9 | 17.0          | 27.2 | 1.25/1.6            | 1" NPT           | 19.3              | 51                    | 37.6    | 42.2    |
| 413NP-20V           |               |        |     | 1                   | 20.0                   | 26.2 | 23.5          | 33.5 | 1.6/2.0             | 1 ¼" NPT         | 20.3              | 56                    | 47.3    | 53.6    |
| 413NP-27V           |               |        |     | 1                   | 26.3                   | 32.1 | 29.0          | 39.9 | 1.6/2.0             | 1 ½" NPT         | 20.8              | 59                    | 56.4    | 61.5    |
| 413NP-31V           |               |        |     | 1                   | 32.2                   | 38.1 | 38.0          | 46.2 | 2.0/2.5             | 2" NPT           | 21.8              | 64                    | 65.5    | 72.1    |
| 413NP-32V           |               |        |     | 1                   | 38.2                   | 44.0 | 39.5          | 52.6 | 2.0/2.5             | 2" NPT           | 21.8              | 64                    | 70.1    | 77.2    |
| 413NP-38V           |               |        |     | 1                   | 50.1                   | 55.9 | 51.3          | 65.3 | 2.5                 | 2 ½" NPT         | 32.3              | 67                    | 80.0    | 87.4    |
| 413NP-44V           |               |        |     | 1                   | 56.0                   | 61.9 | 62.0          | 71.6 | 2.5                 | 3" NPT           | 33                | 76                    | 90.8    | 101.2   |
| 413NP-45V           |               |        |     | 1                   | 62.0                   | 67.9 | 62.5          | 78.0 | 2.5                 | 3" NPT           | 33                | 76                    | 98.8    | 109.2   |

\*NPT Threaded glands are supplied as glands only.

\*\*Other NPT sizes available upon request.



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