

### Fittings with swivel external thread

- HG-90M 90° Elbow Swivel External Thread, IP66

90° elbow swivel brass external thread.

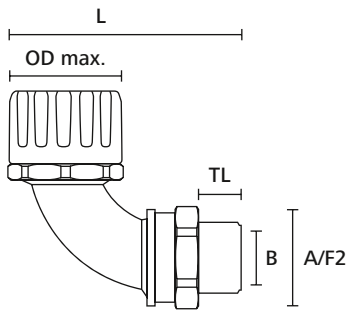
#### Features and Benefits

- One piece, fast fit
- High pull-off strength
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus



HelaGuard HG-90M 90° Elbow Swivel External Thread, IP66.

|                              |  |
|------------------------------|--|
| <b>MATERIAL</b>              | Polyamide 6.6 (PA66),<br>Nickel Plated Brass (NPB) |
| <b>Operating Temperature</b> | -50 °C to +135 °C                                  |
| <b>Flammability</b>          | UL94 V2  |
| <b>Specifications</b>        | UL-Recognised                                      |



HelaGuard fitting, 90° with swivel external thread

| TYPE          | Nominal Ø | Thread Size | Min. Bore Size (B) | Outside Ø max (OD max.) | Length (L) | A/F Thread (A/F2) | Thread Length (TL) | Pack Cont. | Colour     | Article-No. |
|---------------|-----------|-------------|--------------------|-------------------------|------------|-------------------|--------------------|------------|------------|-------------|
| HG13-90M-M16  | 13        | M16         | 10.5               | 24                      | 60         | 20                | 12                 | 10 pcs.    | Black (BK) | 166-22500   |
| HG13-90M-PG9  | 13        | PG9         | 10.5               | 24                      | 58         | 22                | 10                 | 10 pcs.    | Black (BK) | 166-22509   |
| HG16-90M-M16  | 16        | M16         | 10.5               | 29                      | 62         | 20                | 12                 | 10 pcs.    | Black (BK) | 166-22501   |
| HG16-90M-M20  | 16        | M20         | 14.0               | 29                      | 64         | 24                | 12                 | 10 pcs.    | Black (BK) | 166-22502   |
| HG16-90M-PG9  | 16        | PG9         | 10.5               | 29                      | 60         | 22                | 10                 | 10 pcs.    | Black (BK) | 166-22510   |
| HG16-90M-PG11 | 16        | PG11        | 10.5               | 29                      | 62         | 24                | 12                 | 10 pcs.    | Black (BK) | 166-22511   |
| HG21-90M-M20  | 21        | M20         | 14.0               | 32                      | 66         | 24                | 12                 | 10 pcs.    | Black (BK) | 166-22503   |
| HG21-90M-PG13 | 21        | PG13.5      | 14.0               | 32                      | 64         | 24                | 10                 | 10 pcs.    | Black (BK) | 166-22512   |
| HG21-90M-PG16 | 21        | PG16        | 14.0               | 32                      | 67         | 29                | 13                 | 10 pcs.    | Black (BK) | 166-22513   |
| HG28-90M-M25  | 28        | M25         | 19.0               | 44                      | 79         | 29                | 12                 | 10 pcs.    | Black (BK) | 166-22504   |
| HG28-90M-PG21 | 28        | PG21        | 19.0               | 44                      | 81         | 35                | 14                 | 10 pcs.    | Black (BK) | 166-22514   |
| HG34-90M-M32  | 34        | M32         | 24.5               | 51                      | 88         | 38                | 13                 | 10 pcs.    | Black (BK) | 166-22505   |
| HG34-90M-PG29 | 34        | PG29        | 24.5               | 51                      | 89         | 42                | 14                 | 10 pcs.    | Black (BK) | 166-22515   |
| HG42-90M-M40  | 42        | M40         | 32.5               | 63                      | 117        | 50                | 15                 | 2 pcs.     | Black (BK) | 166-22506   |
| HG54-90M-M50  | 54        | M50         | 39.0               | 76                      | 124        | 58                | 17                 | 2 pcs.     | Black (BK) | 166-22507   |

All dimensions in mm. Subject to technical changes.  
Colour grey available on request. Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval.