

## HelaGuard 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.

Technical Table

Article-No.	Type	Conduit Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-22500	HG13-90M-M16	13	M16	–	10
166-22509	HG13-90M-PG9	13	–	PG9	10
166-22501	HG16-90M-M16	16	M16	–	10
166-22502	HG16-90M-M20	16	M20	–	10
166-22510	HG16-90M-PG9	16	–	PG9	10
166-22511	HG16-90M-PG11	16	–	PG11	10
166-22503	HG21-90M-M20	21	M20	–	10
166-22512	HG21-90M-PG13	21	–	PG13.5	10
166-22513	HG21-90M-PG16	21	–	PG16	10
166-22504	HG28-90M-M25	28	M25	–	10
166-22514	HG28-90M-PG21	28	–	PG21	10
166-22505	HG34-90M-M32	34	M32	–	10
166-22515	HG34-90M-PG29	34	–	PG29	10
166-22506	HG42-90M-M40	42	M40	–	2
166-22507	HG54-90M-M50	54	M50	–	2
166-22508	HG67-90M-M63	67	M63	–	1

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Material Data

Material	<b>Polyamide 6.6 (PA66), Nickel Plated Brass (NPB)</b>
Colour	<b>Black (BK)</b>
Operating Temperature	<b>-50 °C to +135 °C</b>
Flammability	<b>UL94 V2</b>



## HelaGuard HGL-90M 90° Elbow Swivel External Thread, IP68

90° elbow swivel brass external thread with conduit seal and washer.

Fulfills IP66, IP67, IP68 and IP69k.

### Features and Benefits

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



HelaGuard HGL-90M 90° Elbow Swivel External Thread with conduit seal, IP68.

Technical Table

Article-No.	Type	Conduit Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-23100	HGL13-90M-M16	13	M16	–	10
166-23108	HGL13-90M-PG9	13	–	PG9	10
166-23101	HGL16-90M-M16	16	M16	–	10
166-23102	HGL16-90M-M20	16	M20	–	10
166-23109	HGL16-90M-PG9	16	–	PG9	10
166-23110	HGL16-90M-PG11	16	–	PG11	10
166-23103	HGL21-90M-M20	21	M20	–	10
166-23111	HGL21-90M-PG13	21	–	PG13.5	10
166-23112	HGL21-90M-PG16	21	–	PG16	10
166-23104	HGL28-90M-M25	28	M25	–	10
166-23113	HGL28-90M-PG21	28	–	PG21	10
166-23105	HGL34-90M-M32	34	M32	–	10
166-23114	HGL34-90M-PG29	34	–	PG29	10
166-23106	HGL42-90M-M40	42	M40	–	2
166-23107	HGL54-90M-M50	54	M50	–	2

All dimensions in mm. Subject to technical changes.

Colour grey available on request.



Please note: for product specific approvals, please contact HellermannTyton.