



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.

Technical Table

Article-No.	Type	Nominal 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

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Material Data

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



• HGL-90M 90° Elbow Swivel External Thread, IP68

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

Fulfils 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	Nominal 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! Not all products listed on this page may have this approval.
For product specific approvals please refer to the Appendix.