



Fittings with swivel internal thread

• HG-90F 90° Elbow Swivel Internal Thread, IP66

90° elbow swivel brass internal 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-90F 90° Elbow Swivel Internal Thread, IP66.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-22600	HG13-90F-M16	13	M16	–	10
166-22608	HG13-90F-PG9	13	–	PG9	10
166-22601	HG16-90F-M16	16	M16	–	10
166-22602	HG16-90F-M20	16	M20	–	10
166-22609	HG16-90F-PG9	16	–	PG9	10
166-22610	HG16-90F-PG11	16	–	PG11	10
166-22603	HG21-90F-M20	21	M20	–	10
166-22614	HG21-90F-PG13	21	–	PG13.5	10
166-22611	HG21-90F-PG16	21	–	PG16	10
166-22604	HG28-90F-M25	28	M25	–	10
166-22612	HG28-90F-PG21	28	–	PG21	10
166-22605	HG34-90F-M32	34	M32	–	10
166-22613	HG34-90F-PG29	34	–	PG29	10
166-22606	HG42-90F-M40	42	M40	–	2
166-22607	HG54-90F-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-90F 90° Elbow Swivel Internal Thread, IP68

90° elbow swivel brass internal 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-90F 90° Elbow Swivel Internal Thread with conduit seal, IP68.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-23200	HGL13-90F-M16	13	M16	–	10
166-23208	HGL13-90F-PG9	13	–	PG9	10
166-23201	HGL16-90F-M16	16	M16	–	10
166-23202	HGL16-90F-M20	16	M20	–	10
166-23209	HGL16-90F-PG9	16	–	PG9	10
166-23210	HGL16-90F-PG11	16	–	PG11	10
166-23203	HGL21-90F-M20	21	M20	–	10
166-23211	HGL21-90F-PG13	21	–	PG13.5	10
166-23212	HGL21-90F-PG16	21	–	PG16	10
166-23204	HGL28-90F-M25	28	M25	–	10
166-23213	HGL28-90F-PG21	28	–	PG21	10
166-23205	HGL34-90F-M32	34	M32	–	10
166-23214	HGL34-90F-PG29	34	–	PG29	10
166-23206	HGL42-90F-M40	42	M40	–	2
166-23207	HGL54-90F-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.