

HelaGuard 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.

HelaGuard HGL-90F 90° Elbow Swivel Internal Thread, IP68

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

Technical Table

Article-No.	Type	Conduit 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



Technical Table

Article-No.	Type	Conduit 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: for product specific approvals, please contact HellermannTyton.