

**HelaGuard
A90FM 90° Elbow**

Internal and external threads, nickel plated brass.

Technical Table

Article-No.	Type	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-50000	A90FM-PG7	–	PG7	10
166-50001	A90FM-M16	M16	–	10
166-50002	A90FM-M20	M20	–	10
166-50003	A90FM-M25	M25	–	10
166-50004	A90FM-M32	M32	–	2
166-50005	A90FM-M40	M40	–	1
166-50006	A90FM-M50	M50	–	1

All dimensions in mm. Subject to technical changes.



HelaGuard A90FM 90° Elbow.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C



**HelaGuard
ACP Couplers**

Internally threaded, nickel plated brass.

Technical Table

Article-No.	Type	Thread Size (metric)	Pack Cont.
166-50400	ACP-M16	M16	10
166-50401	ACP-M20	M20	10
166-50402	ACP-M25	M25	10
166-50403	ACP-M32	M32	10
166-50404	ACP-M40	M40	2
166-50405	ACP-M50	M50	1
166-50406	ACP-M63	M63	1
166-50407	ACP-M75	M75	1

All dimensions in mm. Subject to technical changes.



HelaGuard ACP Couplers.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C



HelaGuard PACC Clip for Corrugated Conduits

Features and Benefits

- Easy and quick assembly
- With integrated lid
- With through hole for fastening with screw
- Inner rib to prevent conduit from slipping
- Can be used in C-shaped DIN rails



HelaGuard PACC Conduit Clip.

Technical Table

Article-No.	Type	Conduit Ø	Fixing Hole Ø (FH)	Pack Cont.
166-25707	PACC10	10	M5	10
166-25700	PACC13	13	M5	10
166-25701	PACC16	16	M5	10
166-25702	PACC21	21	M6	10
166-25703	PACC28	28	M6	10
166-25704	PACC34	34	M6	10
166-25705	PACC42	42	M6	5
166-25706	PACC54	54	M6	5

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Material Data

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



HelaGuard AFCP Clip for Rigid Conduits

Features and Benefits

- Easy and quick assembly
- With integrated lid
- With through hole for fastening with screw
- Can be used in C-shaped DIN rails



HelaGuard AFCP Conduit Clip.

Technical Table

Article-No.	Type	Conduit Ø	Fixing Hole Ø (FH)	Pack Cont.
166-50700	AFCP16	16	M5	10
166-50701	AFCP20	20	M6	10
166-50702	AFCP25	25	M6	10
166-50703	AFCP33	33	M6	10

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Material Data

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



**HelaGuard
AFCS Fixing Clip, Plated Steel
and PVC Liner**



HelaGuard AFCS Fixing Clip, Plated Steel and PVC Liner.

Technical Table

Article-No.	Type	Conduit Ø	Pack Cont.
166-50600	AFCS10	10	10
166-50601	AFCS12	12	10
166-50602	AFCS16	16	10
166-50603	AFCS20	20	10
166-50604	AFCS25	25	10
166-50605	AFCS32	32	10
166-50606	AFCS40	40	5
166-50607	AFCS50	50	5
166-50608	AFCS63	63	1
166-50609	AFCS75	75	1

All dimensions in mm. Subject to technical changes.

Material Data

Material	Galvanised Steel (GS), Polyvinylchloride (PVC)
Colour	Metal (ML), Black (BK)
Operating Temperature	-20 °C to +105 °C



**HelaGuard
AFCS Fixing Clip, Stainless
Steel**



HelaGuard AFCS Fixing Clip, Stainless Steel.

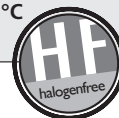
Technical Table

Article-No.	Type	Conduit Ø	Pack Cont.
166-50610	AFCS10	10	10
166-50611	AFCS12	12	10
166-50612	AFCS16	16	10
166-50613	AFCS20	20	10
166-50614	AFCS25	25	10
166-50615	AFCS32	32	10
166-50616	AFCS40	40	5
166-50617	AFCS50	50	5

All dimensions in mm. Subject to technical changes.

Material Data

Material	Stainless Steel (SS316)
Colour	Metal (ML)
Operating Temperature	-100 °C to +400 °C



**HelaGuard
ALNPB Nickel Plated Brass
Locknuts**



HelaGuard ALNPB Nickel Plated Brass Locknuts.

Technical Table

Article-No.	Type	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-50100	ALNPB-M12	M12	–	10
166-50101	ALNPB-M16	M16	–	10
166-50102	ALNPB-M20	M20	–	10
166-50103	ALNPB-M25	M25	–	10
166-50104	ALNPB-M32	M32	–	2
166-50105	ALNPB-M40	M40	–	1
166-50106	ALNPB-M50	M50	–	1
166-50107	ALNPB-M63	M63	–	1
166-50108	ALNPB-M75	M75	–	1
166-50109	ALNPB-PG7	–	PG7	10
166-50110	ALNPB-PG9	–	PG9	10
166-50111	ALNPB-PG11	–	PG11	10
166-50112	ALNPB-PG13	–	PG13.5	10
166-50113	ALNPB-PG16	–	PG16	10
166-50114	ALNPB-PG21	–	PG21	10
166-50115	ALNPB-PG29	–	PG29	1
166-50116	ALNPB-PG36	–	PG36	1
166-50117	ALNPB-PG42	–	PG42	1
166-50118	ALNPB-PG48	–	PG48	1

All dimensions in mm. Subject to technical changes.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C



**HelaGuard
ALS Plated Steel Locknuts**



HelaGuard ALS Plated Steel Locknuts.

Technical Table

Article-No.	Type	Thread Size (metric)	Pack Cont.
166-50119	ALS-M16	M16	10
166-50120	ALS-M20	M20	10
166-50121	ALS-M25	M25	10
166-50122	ALS-M32	M32	2
166-50123	ALS-M40	M40	1
166-50124	ALS-M50	M50	1
166-50125	ALS-M63	M63	1

All dimensions in mm. Subject to technical changes.

Material Data

Material	Galvanised Steel (GS)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C



**HelaGuard
ALSS Stainless Steel Locknuts**



HelaGuard ALSS Stainless Steel Locknuts.

Technical Table

Article-No.	Type	Thread Size (metric)	Pack Cont.
166-50126	ALSS-M16	M16	10
166-50127	ALSS-M20	M20	10
166-50128	ALSS-M25	M25	10
166-50129	ALSS-M32	M32	2
166-50130	ALSS-M40	M40	1
166-50131	ALSS-M50	M50	1
166-50132	ALSS-M63	M63	1

All dimensions in mm. Subject to technical changes.

Material Data

Material	Stainless Steel (SS316)
Colour	Metal (ML)
Operating Temperature	-100 °C to +400 °C



**HelaGuard
ALPA PA66 Locknuts**



HelaGuard ALPA PA66 Locknuts.

Technical Table

Article-No.	Type	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-50133	ALPA-M12	M12	–	10
166-50134	ALPA-M16	M16	–	10
166-50135	ALPA-M20	M20	–	10
166-50136	ALPA-M25	M25	–	10
166-50137	ALPA-M32	M32	–	2
166-50138	ALPA-M40	M40	–	1
166-50139	ALPA-M50	M50	–	1
166-50140	ALPA-M63	M63	–	1
166-50141	ALPA-PG7	–	PG7	10
166-50142	ALPA-PG9	–	PG9	10
166-50143	ALPA-PG11	–	PG11	10
166-50144	ALPA-PG13	–	PG13.5	10
166-50145	ALPA-PG16	–	PG16	10
166-50146	ALPA-PG21	–	PG21	10
166-50147	ALPA-PG29	–	PG29	1
166-50148	ALPA-PG36	–	PG36	1
166-50149	ALPA-PG42	–	PG42	1
166-50150	ALPA-PG48	–	PG48	1

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Material Data

Material	Polyamide 6.6 (PA66)
Colour	Black (BK)
Operating Temperature	-50 °C to +135 °C



**HelaGuard
AWS Chloroprene Sealing
Washers**

Features and Benefits

- Protects against water and dust
- For PG and metric thread
- Resistant to oil



HelaGuard AWS Chloroprene Sealing Washers.

Technical Table

Article-No.	Type	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-50500	AWS-M12	M12	–	100
166-50501	AWS-M16	M16	–	100
166-50502	AWS-M20	M20	–	50
166-50503	AWS-M25	M25	–	10
166-50504	AWS-M32	M32	–	10
166-50505	AWS-M40	M40	–	10
166-50506	AWS-M50	M50	–	10
166-50507	AWS-M63	M63	–	10
166-50508	AWS-PG7	–	PG7	100
166-50509	AWS-PG9	–	PG9	100
166-50510	AWS-PG11	–	PG11	100
166-50511	AWS-PG13	–	PG13.5	100
166-50512	AWS-PG16	–	PG16	50
166-50513	AWS-PG21	–	PG21	10
166-50514	AWS-PG29	–	PG29	10
166-50515	AWS-PG36	–	PG36	10
166-50516	AWS-PG42	–	PG42	10
166-50517	AWS-PG48	–	PG48	10

All dimensions in mm. Subject to technical changes.

Material Data

Material	Chloroprene (CR)
Colour	Black (BK)
Operating Temperature	-40 °C to +135 °C



**HelaGuard
PAEC End Caps for Corrugated
Conduits**

Features and Benefits

- Snaps over end of conduit when not terminated with fitting
- Provides smooth entry to prevent damage to cables



HelaGuard PAEC End Cap.

Technical Table

Article-No.	Type	Conduit Ø	Pack Cont.
166-50800	PAEC16	16	10
166-50801	PAEC21	21	10
166-50802	PAEC28	28	10
166-50803	PAEC34	34	10
166-50804	PAEC42	42	10
166-50805	PAEC54	54	10

All dimensions in mm. Subject to technical changes.

Material Data

Material	Polyamide 6.6 (PA66)
Colour	Black (BK)
Operating Temperature	-50 °C to +135 °C



HelaGuard CNV Converters

Nickel plated brass.

- Thread convertors
- Reducers
- Enlargers



HelaGuard CNV Convertors.

Technical Table

Article-No.	Type	Thread Size, internal	Thread Size external	Pack Cont.
166-50900	CNV-M20-M16	M16	M20	10
166-50901	CNV-PG7-M16	M16	PG7	10
166-50902	CNV-PG9-M16	M16	PG9	10
166-50903	CNV-PG11-M16	M16	PG11	10
166-50904	CNV-PG13-M16	M16	PG13.5	10
166-50905	CNV-PG16-M16	M16	PG16	10
166-50906	CNV-M16-M20	M20	M16	10
166-50907	CNV-M25-M20	M20	M25	10
166-50908	CNV-PG9-M20	M20	PG9	10
166-50909	CNV-PG11-M20	M20	PG11	10
166-50910	CNV-PG13-M20	M20	PG13.5	10
166-50911	CNV-PG16-M20	M20	PG16	10
166-50912	CNV-PG21-M20	M20	PG21	10
166-50913	CNV-PG29-M20	M20	PG29	2
166-50914	CNV-M20-M25	M25	M20	10
166-50915	CNV-M32-M25	M25	M32	10
166-50916	CNV-M40-M25	M25	M40	10
166-50917	CNV-M50-M25	M25	M50	1
166-50918	CNV-PG16-M25	M25	PG16	10
166-50919	CNV-PG21-M25	M25	PG21	10
166-50920	CNV-PG29-M25	M25	PG29	2
166-50921	CNV-M25-M32	M32	M25	10
166-50922	CNV-M40-M32	M32	M40	2
166-50923	CNV-M50-M32	M32	M50	1
166-50924	CNV-PG21-M32	M32	PG21	2
166-50925	CNV-PG29-M32	M32	PG29	2
166-50926	CNV-PG36-M32	M32	PG36	2
166-50927	CNV-M50-M40	M40	M50	1
166-50928	CNV-M63-M40	M40	M63	1
166-50929	CNV-PG29-M40	M40	PG29	1
166-50930	CNV-PG36-M40	M40	PG36	1
166-50931	CNV-M63-M50	M50	M63	1
166-51012	CNV-M16-PG11	PG11	M16	10
166-51013	CNV-M20-PG11	PG11	M20	10
166-51014	CNV-PG9-PG11	PG11	PG9	10
166-51015	CNV-PG13-PG11	PG11	PG13.5	10
166-51016	CNV-PG16-PG11	PG11	PG16	10
166-51017	CNV-PG21-PG11	PG11	PG21	10
166-51018	CNV-M20-PG13	PG13.5	M20	10
166-51019	CNV-PG11-PG13	PG13.5	PG11	10
166-51020	CNV-PG16-PG13	PG13.5	PG16	10
166-51021	CNV-PG21-PG13	PG13.5	PG21	10

All dimensions in mm. Subject to technical changes.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C



HelaGuard CNV Converters

Nickel plated brass.

Technical Table

Article-No.	Type	Thread Size, internal	Thread Size external	Pack Cont.
166-51022	CNV-M20-PG16	PG16	M20	10
166-51023	CNV-PG13-PG16	PG16	PG13.5	10
166-51024	CNV-PG21-PG16	PG16	PG21	10
166-51025	CNV-PG29-PG16	PG16	PG29	2
166-51026	CNV-M20-PG21	PG21	M20	10
166-51027	CNV-M25-PG21	PG21	M25	10
166-51028	CNV-PG16-PG21	PG21	PG16	10
166-51029	CNV-PG29-PG21	PG21	PG29	2
166-51030	CNV-M40-PG29	PG29	M40	1
166-51031	CNV-PG21-PG29	PG29	PG21	2
166-51032	CNV-PG36-PG29	PG29	PG36	2
166-51033	CNV-M50-PG36	PG36	M50	1
166-51034	CNV-PG29-PG36	PG36	PG29	2
166-51035	CNV-PG42-PG36	PG36	PG42	2
166-51000	CNV-M16-PG7	PG7	M16	10
166-51001	CNV-M20-PG7	PG7	M20	10
166-51002	CNV-PG9-PG7	PG7	PG9	10
166-51003	CNV-PG11-PG7	PG7	PG11	10
166-51004	CNV-PG13-PG7	PG7	PG13.5	10
166-51005	CNV-PG16-PG7	PG7	PG16	10
166-51006	CNV-M16-PG9	PG9	M16	10
166-51007	CNV-M20-PG9	PG9	M20	10
166-51008	CNV-PG7-PG9	PG9	PG7	10
166-51009	CNV-PG11-PG9	PG9	PG11	10
166-51010	CNV-PG13-PG9	PG9	PG13.5	10
166-51011	CNV-PG16-PG9	PG9	PG16	10

All dimensions in mm. Subject to technical changes.

**HelaGuard
ConClamp Conduit Clamp**

Holds metallic conduits and guides hacksaw for a clean cut.

Technical Table

Article-No.	Type	Pack Cont.
166-51100	CONCLAMP	1

All dimensions in mm. Subject to technical changes.



HelaGuard ConClamp.

**HelaGuard
ConCutter Conduit Cutter**

Cutting tool for non-metallic-conduits.

Technical Table

Article-No.	Type	Conduit Ø	Pack Cont.
166-51101	CONCUTTER1	for non-metallic conduits up to 34mm	1
166-51102	CONCUTTER2	for non-metallic conduits up to 67mm	1

All dimensions in mm. Subject to technical changes.



HelaGuard ConCutter.