

# D-Sub Hoods

Plastic black, metallized and full-metal in zinc die-cast



A comprehensive product range with more than 20 hood systems

#### Features

- Quick and easy assembly
- Practical design with a minimized number of individual parts
- Hoods in plastic, metallized plastic and full metal

#### Various locking options

- Screw locking with knurled screws in various lengths
- Push-pull locking with the innovative Quick Lock system
- Slide locking in universal design

#### Cable connection versions for highest requirements

- 360° EMI/RFI crimp flange system vibration- and torsion-proof
- External cable clamp for diameters 4-14 mm (50-pole: -16 mm)
- Internal cable clamp is the compact solution for standard applications

#### The right hood for every application

- Plastic hoods
- Metallized plastic hoods for applications with shielding requirements
- Full-metal hoods with 360° EMI/RFI shielding for high EMC requirements
- Quick Lock system with innovative push-pull locking
- Bus hoods with 2 cable outlets

#### Technical data

IP protection class	IP 20
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# Plastic hoods

Black or metallized plastic for shielding

D-Sub Hoods



A wide range of black or metallized plastic hoods for applications with shielding requirements. Quick and easy assembly through a practical design with a minimized number of single parts is an essential feature of the D-Sub plastic hoods. The tailor-made solution can be implemented with a wide range of options with regard to locking, cable outlet and a comprehensive range of accessories.

Various locking options

- Screw locking with knurled screws in different lengths
- Push-pull locking with the innovative „Quick Lock“ system
- Sliding lock in universal design

Cable connection versions for the highest requirements

All hood series

- Cable clamp internally as a compact solution
- Quick Lock and 07er Hoods (Sliding / Clip Locking):
- 360 ° EMI / RFI crimp flange system vibration- and torsion-proof
- External cable clamp for diameter 4-14 mm (50-pole: up to 16 mm)

The right hood for every application

- Plastic hoods
- Metallized plastic hoods for applications with shielding requirements
- Adapter hoods in black or metallized

## Technical data

IP protection class	IP 20
Temperature range black	-20° C to + 90° C
Temperature range metallized	-40° C to + 90° C
<b>Tightening torque</b>	
Cable clamp screw	max. 30 Ncm
Cover screw	max. 20 Ncm
Housing (metallized)	ABS UL 94-V0 (Ni-plated)
Locking screws	St Ni-plated
<b>Cable diameter</b>	
Series 07/ 17/ 47/ 57	9+15:max. 8,5 / 25 + 37:max. 11 / 50:max. 12
Series 77	max. 10
Series 103/104 QuickLock	9:9/ 15:10/ 25+37:11/ 50:12

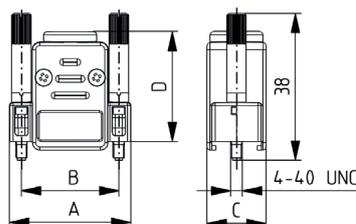


## Plastic hood (series 17)

### Very compact design and screw-locking

- Two-part plastic case with straight cable outlet
- Made from high-quality black ABS plastic, flame-retarding acc. to UL 94 V-0
- Hood pluggable in 3 TE-grid
- Integrated dust protection shoulder
- UNC 4-40 knurled screws (M3 also available)
- Multiple opening possible
- Also available in green, red and blue

### Dimensions



	9	15	25	37	50
A	31,5	39,5	53,2	69,7	67,1
B	25,0	33,3	47,0	63,5	61,1
C	15,2	15,2	15,2	15,2	18,2
D	28,5	32,5	35,5	37,5	37,5

### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

### Order information

17090B38T001	9-pole set
17150B38T001	15-pole set
17250B38T001	25-pole set
17370B38T001	37-pole set
17500B38T001	50-pole set
17090B38T000	9-pole single parts
17150B38T000	15-pole single parts
17250B38T000	25-pole single parts
17370B38T000	37-pole single parts
17500B38T000	50-pole single parts

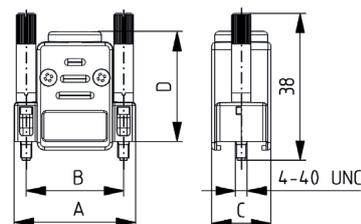


## Plastic hood metallized (series 17)

### Very compact design and screw locking

- Two-part plastic case with straight cable outlet
- Made from high-quality metallized ABS UL 94 V-0
- High shielding attenuation for EMC applications
- Hood pluggable in 3 TE-grid
- Integrated dust protection shoulder
- UNC 4-40 knurled screws (M3 also available)
- Multiple opening possible

### Dimensions



	9	15	25	37	50
A	31,5	39,5	53,2	69,7	67,1
B	25,0	33,3	47,0	63,5	61,1
C	15,2	15,2	15,2	15,2	18,2
D	28,5	32,5	35,5	37,5	37,5

### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

17090M38T001	9-pole set
17150M38T001	15-pole set
17250M38T001	25-pole set
17370M38T001	37-pole set
17500M38T001	50-pole set
17090M38T000	9-pole single parts
17150M38T000	15-pole single parts
17250M38T000	25-pole single parts
17370M38T000	37-pole single parts
17500M38T000	50-pole single parts

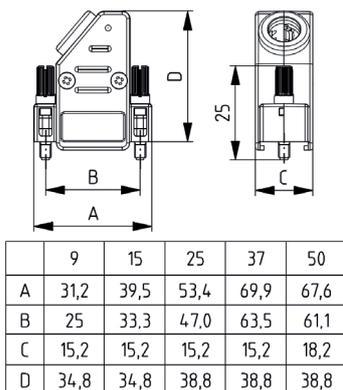


### Plastic hood (series 47)

#### With screw-locking and side cable outlet

- Dual-part plastic case with lateral cable outlet
- Made from high-quality black ABS plastic, flame-retarding acc. to UL 94 V-0
- Hood pluggable in 3 TE-grid
- Integrated dust protection shoulder
- UNC 4-40 knurled screws (M3 also available)
- Multiple opening possible

#### Dimensions



#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

#### Order information

47090B25T001	9-pole set
47150B25T001	15-pole set
47250B25T001	25-pole set
47370B25T001	37-pole set
47500B25T001	50-pole set
47090B25T000	9-pole single parts
47150B25T000	15-pole single parts
47250B25T000	25-pole single parts
47370B25T000	37-pole single parts
47500B25T000	50-pole single parts

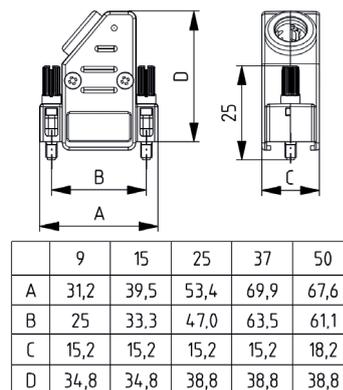


### Plastic hood metallized (series 47)

#### With screw-locking and side cable outlet

- Good shielding with metallization and case geometry
- High shielding attenuation for EMC applications
- Fast assembly with pre-assembled locking screws
- Made from high-quality black ABS plastic, flame-retarding acc. to UL 94 V-0
- Hood pluggable in 3 TE-grid
- Integrated dust protection shoulder
- UNC 4-40 locking screw, alternatively M3
- Set-packaging or loose parts in bags

#### Dimensions



#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

#### Order information

47090M25T001	9-pole set
47150M25T001	15-pole set
47250M25T001	25-pole set
47370M25T001	37-pole set
47500M25T001	50-pole set
47090M25T000	9-pole single parts
47150M25T000	15-pole single parts
47250M25T000	25-pole single parts
47370M25T000	37-pole single parts
47500M25T000	50-pole single parts

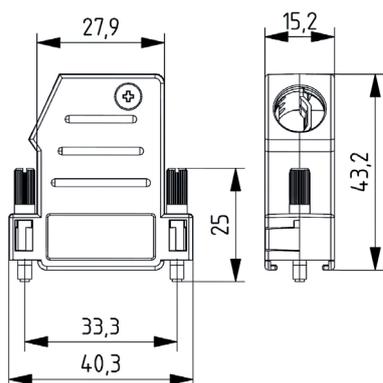


## Compact hood series 47155

### With side cable outlet and large mounting space

- Cable outlet 25°
- Housing size 2 for Hermaphroditic 3W3 (C) / 7W2 and D-Sub 15P/HD D-Sub 26P
- Easy assembly with snap-in design and pre-assembled knurled screws
- Locking with knurled screw M3 or UNC 4-40
- Integrated cable clamp for strain relief of the cable
- Integrated dust protection shoulder
- Assembly grid in assemblies 3 TE (15.24 mm)
- Multiple opening possible

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	5 - 11 mm
Temperature range:	-40°C to +90°C
Housing:	ABS UL 94-V0 black

### Order information

47155B25T001	Hood black UNC set
47155B25M3T001	Hood black M3 set
47155B25T000	Hood black UNC single parts
47155B25M3T000	Hood black M3 single parts

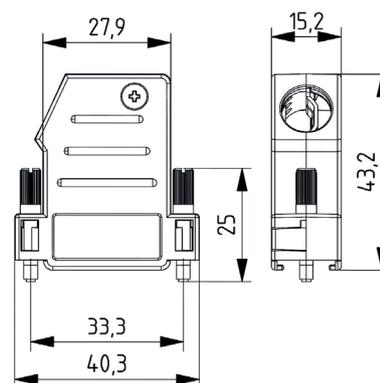


## Compact hood metallized (series 47155)

### With side cable outlet and large mounting space

- Cable outlet 25°
- Easy assembly due to design with snap-in half shells and pre-assembled knurled screws for locking
- Locking with knurled screw M3 or UNC 4-40
- Integrated cable clamp for strain relief of the cable
- Integrated dust protection shoulder
- High shielding attenuation for EMC applications
- Assembly grid in assemblies 3 TE (15.24 mm)

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP pction classrote:	IP 20
Cable diameter:	5 - 11 mm
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

47155M25T001	Hood metallized UNC set
47155M25M3T001	Hood metallized M3 set
47155M25T000	Hood metallized UNC single parts
47155M25M3T000	Hood metallized M3 single parts

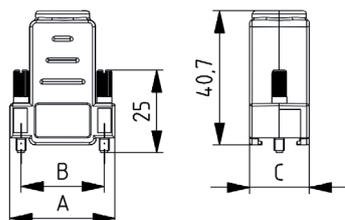


### Stud hood (series 57)

#### With lateral screw-locking

- Minimized assembly time due to stud locking of the hood halves
- Suitable for flat cable connectors
- Made from high-quality black ABS plastic, flame-retarding acc. to UL 94 V-0
- Available with metallized or black surface
- UNC 4-40 knurled screw (M3 also available)

#### Dimensions



	9	15	25
A	31,7	39,5	53,6
B	25,0	33,3	47,0
C	18,0	18,0	16,6

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:10 / 25:11
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

#### Order information

57090B25T001	9-pole set
57150B25T001	15-pole set
57250B25T001	25-pole set
57090B25T000	9-pole single parts
57150B25T000	15-pole single parts
57250B25T000	25-pole single parts

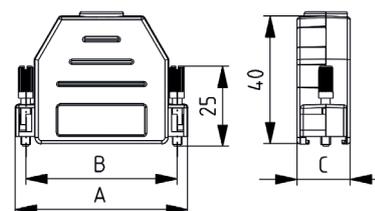


### Stud hood metallized (series 57)

#### With lateral screw-locking

- Minimized assembly time due to stud locking between the hood halves
- Suitable for flat cable connectors
- Made from high-quality metallized ABS UL 94 V-0
- High shielding attenuation for EMC applications
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)

#### Dimensions



	9	15	25
A	31,7	40,0	53,5
B	25,0	33,3	47,0
C	18,0	18,0	16,6

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:10 / 25:11
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

#### Order information

57090M25T001	9-pole set
57150M25T001	15-pole set
57250M25T001	25-pole set
57090M25T000	9-pole single parts
57150M25T000	15-pole single parts
57250M25T000	25-pole single parts

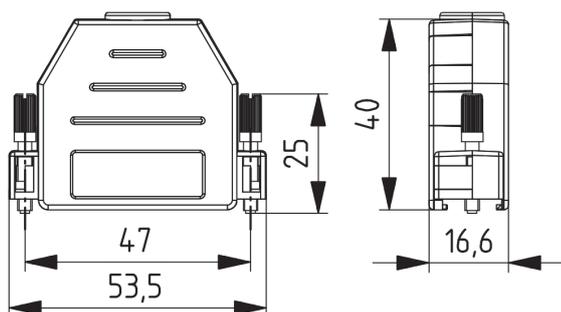


### Clip hood (series 57)

#### With lateral screw-locking

- Minimized assembly time due to clip-/pin-connection of the half shells
- Suitable for flat band connectors
- Made from high-quality ABS plastic, flame-retarding acc. to UL 94 V-0
- Available with metallized or black surface
- UNC 4-40 knurled screw (M3 also available)

#### Dimensions

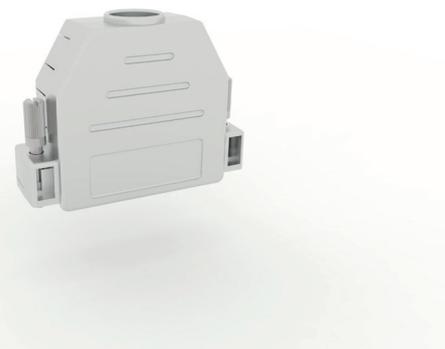


#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	5 - 11 mm
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

#### Order information

57255B25T001	25-pole set
57255B25T000	25-pole single parts

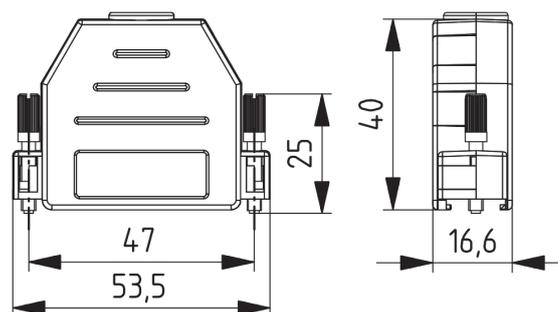


### Clip hood metallized (series 57)

#### Easy boltless hood assembly

- Minimized assembly time due to clip locking of hood halves
- Suitable for flat band connectors
- Made from high-quality ABS plastic UL 94 V-0
- High shielding attenuation for EMV-applications
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)

#### Dimensions



#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	max. 11 mm
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

#### Order information

57255M25T001	25-pole set
57255M25T000	25-pole single parts

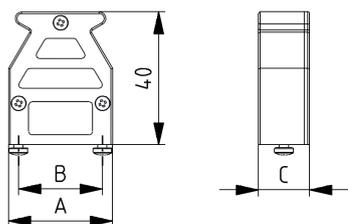


### Plastic hood (series 07)

#### For clip- and slide-locking

- Dual-part hood with 3 cable outlets (9-pole 2 cable outlets)
- Made from high-quality ABS plastic, flame-retarding acc. to UL 94 V-0
- Large cable interior space
- Multiple opening possible
- Set-packaging or loose parts in bags

#### Dimensions



	9	15	25	37	50
A	31,0	39,3	53,0	69,5	67,0
B	25,0	33,3	47,0	63,5	61,1
C	15,3	15,3	15,3	15,3	17,8

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-40°C to +90°C
Housing:	ABS UL 94-V0 black

#### Order information

07090BT001	9-pole set
07150BT001	15-pole set
07250BT001	25-pole set
07370BT001	37-pole set
07500BT001	50-pole set
07090BT000	9-pole single parts
07150BT000	15-pole single parts
07250BT000	25-pole single parts
07370BT000	37-pole single parts
07500BT000	50-pole single parts

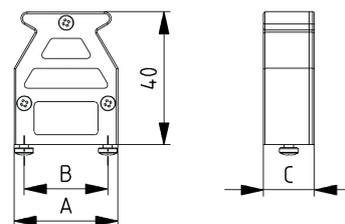


### Plastic hood metallized (series 07)

#### for clip- and slide-locking

- Dual-part hood with 3 cable outlets (9-pole 2 cable outlets)
- Made from high-quality ABS UL 94-V0
- High shielding attenuation for EMC applications
- Large cable interior space
- Multiple opening possible
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)
- Set-packaging or loose parts in bags

#### Dimensions



	9	15	25	37	50
A	31,0	39,3	53,0	69,5	67,0
B	25,0	33,3	47,0	63,5	61,1
C	15,3	15,3	15,3	15,3	17,8

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9+15:8,5 / 25+37:11 / 50:12
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

#### Order information

07090M001	9-pole set
07150M001	15-pole set
07250M001	25-pole set
07370M001	37-pole set
07500M001	50-pole set
07090M000	9-pole single parts
07150M000	15-pole single parts
07250M000	25-pole single parts
07370M000	37-pole single parts
07500M000	50-pole single parts

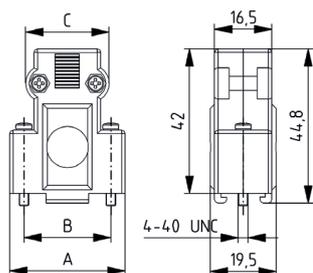


## Flat cable hood (series 37)

### For insulation displacement and solder cup connectors

- Two-piece plastic hood
- Integrated strain relief
- UNC 4-40 locking screws
- Grey ABS plastic
- For insulation displacement and solder cup connectors

### Dimensions



	9	15	25	37
A	33,5	41,2	54,8	71,5
B	25,0	33,3	47,0	63,5
C	16,5	15,2	15,2	15,2

### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-20° C to +90° C
Housing:	ABS grey

### Order information

37090G001	9-pole set
37150G001	15-pole set
37250G001	25-pole set
37370G001	37-pole set

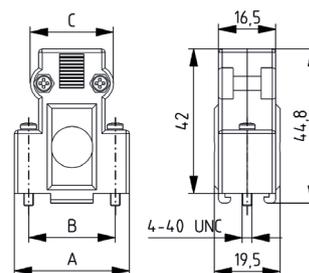


## Flat cable hood metallized (series 37)

### For insulation displacement and solder cup connectors

- Two-piece plastic hood
- Integrated strain relief
- UNC 4-40 locking screws
- Grey ABS plastic
- For insulation displacement and solder cup connectors

### Dimensions



	9	15	25	37
A	33,5	41,2	54,8	71,5
B	25,0	33,3	47,0	63,5
C	16,5	15,2	15,2	15,2

### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-20° C to +90° C
Housing:	ABS nickel-plated

### Order information

37090M001	9-pole Set
37150M001	15-pole Set
37250M001	25-pole Set
37370M001	37-pole Set

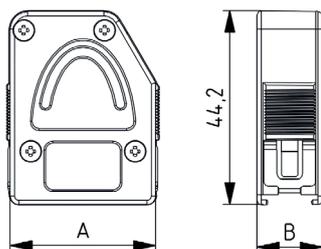


### Quick Lock plastic hood (series 104)

#### Push-Pull locking

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Fast assembly as screw- and push-locking
- Automotive approval
- 2 - 3 cable inlets
- Crimp flange system optionally applicable
- ABS, flamed retarding acc. to UL 94 V-0, available metallized too
- For special cables external cable clamp up to Ø14mm (50-pole: Ø16mm)

#### Dimensions



	9	15	25	37	50
A	33,0	41,3	56,2	71,5	70,3
B	15,5				18,5

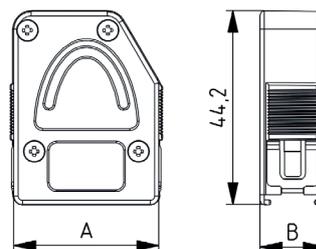


### Quick Lock plastic hood metallized (series 104)

#### Push-Pull locking

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Fast assembly as screw- and push-locking
- Automotive approval
- 2 - 3 cable inlets
- Crimp flange system optionally applicable
- ABS, flamed retarding acc. to UL 94 V-0, available metallized too
- For special cables external cable clamp up to Ø14mm (50-pole: Ø16mm)

#### Dimensions



	9	15	25	37	50
A	33,0	41,3	56,2	71,5	70,3
B	15,5				18,5

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9: 9/15: 10/ 25+37: 11/ 50: 12
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

#### Order information

104090BT001	9-pole short version set
104150BT001	15-pole short version set
104250BT001	25-pole short version set
104370BT001	37-pole short version set
104500BT001	50-pole short version set

#### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9: 9/15: 10/ 25+37: 11/ 50: 12
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

#### Order information

104090M001	9-pole short version set
104150M001	15-pole short version set
104250M001	25-pole short version set
104370M001	37-pole short version set
104500M001	50-pole short version set

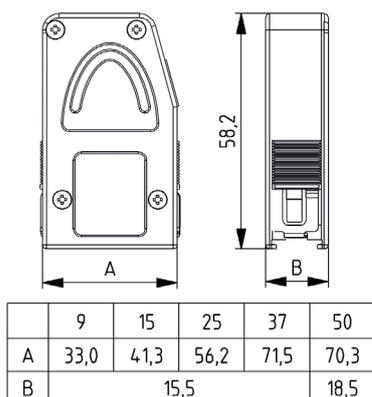


## Quick Lock plastic hood (series 103)

### Push-Pull locking long version

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Fast assembly as screw- and push-locking
- Automotive approval
- 2-3 cable inlets
- Crimp flange system optionally applicable
- ABS, flamed retarding acc. to UL 94 V-0, available metallized too
- For special cables external cable clamp up to Ø14mm (50-pole: Ø16mm)

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9: 9/15: 10/ 25+37: 11/ 50: 12
Temperature range:	-20 °C to +90 °C
Housing:	ABS UL 94-V0 black

### Order information

103090BT001	9-pole long version set
103150BT001	15-pole long version set
103250BT001	25-pole long version set
103370BT001	37-pole long version set
103500BT001	50-pole long version set

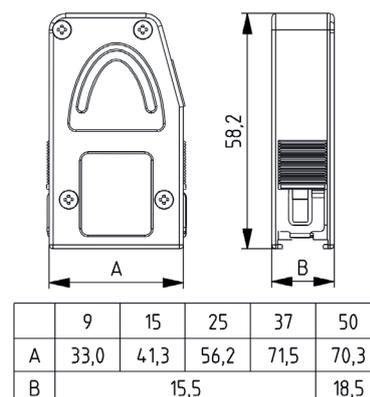


## Quick Lock plastic hood metallized (series 103)

### Push-Pull locking long version

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Faster assembly as screw- and push-locking
- Automotive approval
- 2-3 Kabeleingänge
- High shield attenuation for EMC applications
- 360° shielding with crimp flange system
- For special cables external cable clamp up to Ø14mm (50-pole: Ø16mm)

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	9: 9/15: 10/ 25+37: 11/ 50: 12
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

103090M001	9-pole long version set
103150M001	15-pole long version set
103250M001	25-pole long version set
103370M001	37-pole long version set
103500M001	50-pole long version set
103090M000	9-pole long version single parts
103150M000	15-pole long version single parts
103250M000	25-pole long version single parts
103370M000	37-pole long version single parts
103500M000	50-pole long version single parts



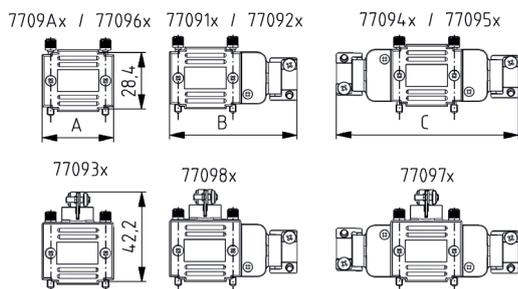
## Modular hood system (series 77)

### Versatile

- Low installation height (16 mm)
- Large cable clamp area (max. 10 mm)
- Modular system for diverse applications
- Applications: hood with 3 outlets / Dongle / distributor up to 4 cables
- Made from high-quality ABS plastic, flame-retarding acc. to UL 94 V-0
- Metallized version for EMV-applications
- UNC 4-40 knurled screw with inside thread and slit (M3 upon request)
- Packed as a set

### Dimensions

	9	15	25	37
A	32,3	40,6	54,3	70,8
B	58,0	66,5	80,5	122,0
C	83,5	92,0	105,5	122,0



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	5 - 11 mm
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 black

### Order information

7709xB	09-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8
7715xB	15-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8
7725xB	25-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8



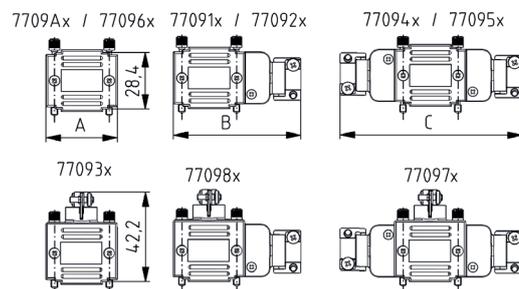
## Modular hood system metallized (series 77)

### Versatile

- Low installation height (16 mm)
- Large cable clamp area (max. 10 mm)
- Made from high-quality metallized ABS UL 94 V-0
- High shielding attenuation for EMC applications
- Modular system for diverse applications
- Applications: hood with 3 outlets / Dongle / distributor up to 4 cables
- UNC 4-40 knurled screw with inside thread and slit (M3 upon request)
- Packed as a set

### Dimensions

	9	15	25	37
A	32,3	40,6	54,3	70,8
B	58,0	66,5	80,5	122,0
C	83,5	92,0	105,5	122,0



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Cable diameter:	max. 10 mm
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

7709xM	09-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8
7715xM	15-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8
7725xM	25-pol. Set x:Var A I1 I2 I3 I4 I5 I6 I7 I8

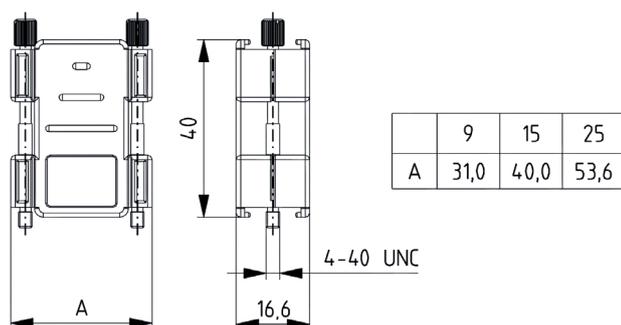


## Adapter case (Serie 87)

### Knurled screws with inside thread

- Fast assembly with snap lock of the case half shells
- RF-tight case construction
- Made from high-quality ABS UL94-V0
- Large cable interior space
- UNC 4-40 knurled screw with inside thread and slot (M3 upon request)
- Complete with UNC 4-40 screws with knurls with UNC 4-40 inside thread
- Set-packaging or loose parts in bags

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0

### Order information

87094BT001	9-pole set
87154BT001	15-pole set
87254BT001	25-pole set
87094BT000	9-pole single parts
87154BT000	15-pole single parts
87254BT000	25-pole single parts

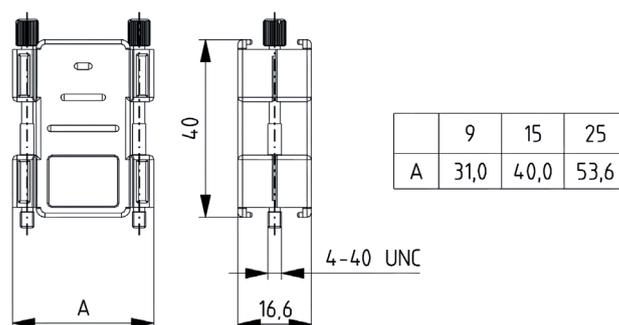


## Adapter case metallized (series 87)

### Knurled screws with inside thread

- Fastest assembly by grouting both adapter halves
- RF-tight case construction
- High shielding attenuation for EMC-applications
- Made from high-quality metallized ABS UL94-V0
- Large cable interior space
- UNC 4-40 knurled screw with inside thread and slot (M3 upon request)
- Set-packaging or loose parts in bags

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-40° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

87094M001	9-pole set
87154M001	15-pole set
87254M001	25-pole set
87094M000	9-pole single parts
87154M000	15-pole single parts
87254M000	25-pole single parts

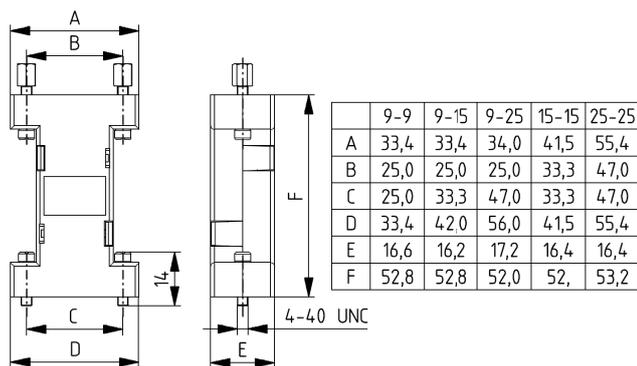


## Adapter case (series 67)

### Available black, grey or metallized

- Empty case for own assembling of adapters
- Two-part plastic case
- Large wiring space
- Complete with UNC 4-40 screws

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0

### Order information

670909B	9 pole - 9pole set
670915B	9 pole -15-pole set
670925B	9 pole -25-pole set
671515B	15 pole -15-pole set
672525B	25 pole -25-pole set

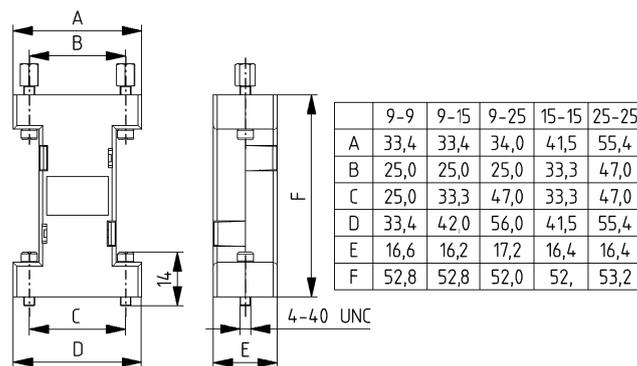


## Adapter case metallized (series 67)

### Versions for pole number alteration

- Empty case for own cabling of adapters
- Dual-part plastic case
- Large wiring space
- Good shielding attenuation for EMC applications by metallizing
- Versions for pole number alteration from 9 to 15 and 9 to 25
- Complete with UNC 4-40 screws

### Dimensions



### Technical data (mutual data on pages 153 & 154)

IP protection class:	IP 20
Temperature range:	-20° C to +90° C
Housing:	ABS UL 94-V0 nickel-plated

### Order information

670909M	9 pole - 9-pole set
670915M	9 pole -15-pole set
670925M	9 pole -25-pole set
671515M	15 pole -15-pole set
672525M	25 pole -25-pole set

# Your notes

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# Full-metal hoods

Rough applications with 360° shielding

D-Sub Hoods



Broad range of full-metal hoods

Features

- Special housing designs for 360° shielding
- Fast and easy assembly due to minimized number of single parts
- Solid die-cast housing for

Various locking options

- Screw locking with knurled screws in various lengths
- Push-Pull locking with the innovative Quick Lock-system
- Slide lock in universal design

Cable connection versions for highest requirements

All hood series

- 360° EMI/RFI crimp flange-system vibration- and torsion-proof
- External cable clamp for diameters 4-14 mm (50-pole: -16 mm)

QuickLock- and 117/147 hood series:

- Internal cable clamp as a compact solution

The right hood for every application

- Hoods with straight or angled cable outlet
- Hoods with multiple cable outlets
- Adapter hoods

## Technical data

IP protection class	IP 20
Temperature range	- 45°C to + 90°C
Tightening torque	
Cable clamp screw	max. 30 Ncm
Cover screw	max. 20 Ncm
Housing	Zn alloy
Locking screws	St Ni-plated
Cable diameter in mm	
Series 07DC/17DC/ 47DC/77DC/101DC	9-37:4 - 14 / 50: 4 - 16
Series 104DC/117DC/147DC Internal	9:4 - 10 / 15:4-12 / 25:4-14 / 37-50:4-15
Series 104DC/117DC/147DC External	9-37:4 - 14 / 50: 4 - 16
Series 109/110DC	max. 10

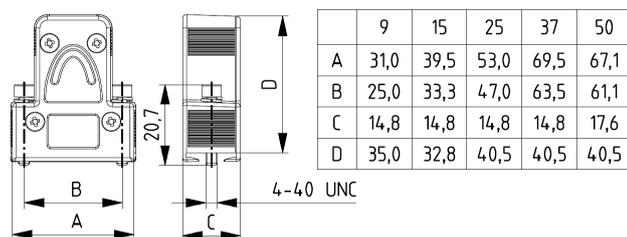


## Full-metal hood (series 17DC)

### Cable outlet 180° with screw locking

- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Lateral knurled screws with UNC 4-40 thread, M3 optional
- Optimal RF-tight in connection with crimp flanges
- Vibration- and torsion-proof with crimp flange/crimp sleeve

### Dimensions



### Technical data (mutual data on pages 153 & 168)

Cable diameter	9 -25:max Ø 14 / 37-50:max. Ø 16
Temperature range	-55° C to +90° C
Case	Zn-alloy
Knurled/cover screw	St nickel-plated / St galvanised

### Order information

1709DC25001	9-pole Set
1715DC25001	15-pole Set
1725DC25001	25-pole Set
1737DC25001	37-pole Set
1750DC25001	50-pole Set

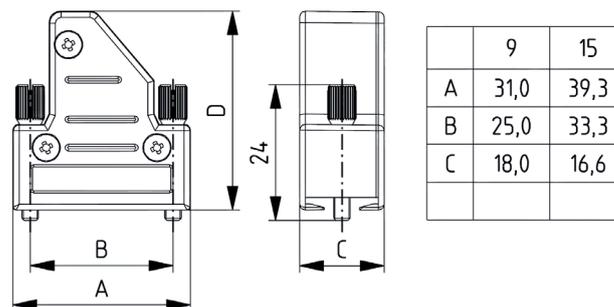


## Full-metal hood (series 47DC)

### Vibration- and torsion-proof with crimp flange/crimp sleeve

- 40° cable outlet
- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Pre-assembled knurled screws UNC 4-40 (alternatively M3 available)
- Optimal RF-tight in combination with crimp flanges

### Dimensions



### Technical data (mutual data on pages 153 & 168)

Cable diameter	9 -25:max Ø 14 / 37-50:max. Ø 16
Temperature range	-55° C bis +90° C
Hood/knurled/cover screw	Zn-alloy / St nickel-plated / St galvanised

### Order information

4709DC25001	9-pole Set
4715DC25001	15-pole Set
4725DC25001	25-pole Set

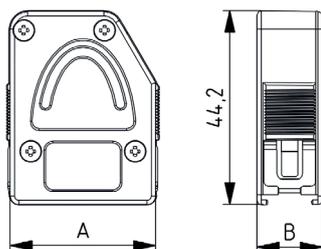


### Quick Lock full-metal hood (series 104DC)

#### Push-Pull locking

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Faster assembly than screw and push locking
- Automotive approval
- 2-3 cable outlets
- External cable clamp for cables up to Ø 14 mm (50-pole: Ø 16 mm)
- Optimal RF tight with crimp flanges up to Ø 14 mm (50-pole: Ø 16 mm)
- Certified for shock/vibration acc. to EN 61373

#### Dimensions



	9	15	25	37	50
A	33,0	41,3	56,2	71,5	70,3
B	15,5				18,5

#### Technical data (mutual data on pages 153 & 168)

Protection class	IP 20
Cable diameter	9 - 37pole:max Ø 14 / 50pole:max. Ø 16 mm
Temperature range	-55° C to +90° C
Housing /screws	Zn-alloy / Steel galvanised

#### Order information

10409DC001	9-pole Set
10415DC001	15-pole Set
10425DC001	25-pole Set
10437DC001	37-pole Set
10450DC001	50-pole Set

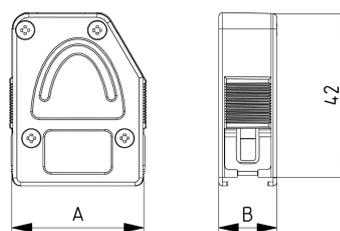


### Quick Lock full-metal hood (series 104DC)

#### Push Pull locking and internal cable clamp

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Vibration-proof locking with certified test acc. to EN 61373
- Faster assembly than screw and push locking
- Automotive approval
- 2-3 cable outlets
- Internal cable clamp for compact economic solutions
- Set with 1 cable clamp (1DC) or with 2 cable clamps (2DC)

#### Dimensions



	9	15	25	37	50
A	33,0	41,3	55,0	71,5	70,3
B	14,8	14,8	14,8	14,8	17,8

#### Technical data (mutual data on pages 153 & 168)

Protection class	IP 20
Cable diameter	9 - 37pole: Ø 4-11 mm / 50-polig: Ø 4-13 mm
Temperature range	-55° C to +90° C
Case/screws	Zn-alloy / Steel galvanised

#### Order information

104091DC001	9-pole 1 cable clamp set/000: single parts
104151DC001	15-pole 1 cable clamp set/000: single parts
104251DC001	25-pole 1 cable clamp set/000: single parts
104371DC001	37-pole 1 cable clamp set/000: single parts
104501DC001	50-pole 1 cable clamp set/000: single parts

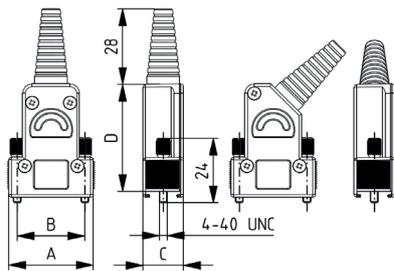


### Full-metal hoods (series 117DC/147DC)

#### 3 cable strain relief versions and screw lock

- Hood with special shielding design for high-quality EMC applications
- 2 cable outlets 180° and 135° from 15-pole version in one hood
- 9/15-pole Index 117: cable outlet 180° / Index 147: cable outlet 135°
- Always fitting with 3 options for cable strain relief and shield connection
- Compact economic solutions with internal cable clamp
- Large cable diameters and more mounting space with external cable clamp
- 360° shielding with crimp flange/crimp sleeve system
- Screw locking: knurl or vibration-proof Inbus with spring washer

#### Dimensions



	9	15	25	37	50
A	31,2	39,5	53,2	69,7	69,1
B	25	33,3	47,0	63,5	61,1
C	15,0	15,0	15,0	15,6	17,8
D	40,0	42,0	46,0	48,0	42,0

#### Technical data (mutual data on pages 153 & 168)

Cable diameter internal	9: 4-10 / 15-25: 4-12 / 37-50: 4-15
Cable diameter external	9 -25: 4 - 14 / 37-50: 4 - 16
Temperature range:	-55 °C to + 90 °C
Housing/screws	Zn-alloy/Steel galvanised

#### Order information

117092DC25001	9-pole 180° UNC Set / 135°:147092DC25001
117152DC25001	15-pole 180° UNC Set / 135°:147152DC25001
117252DC25001	25-pole 180° + 135° UNC set
117372DC25001	37-pole 180° + 135° UNC set
117502DC25001	50-pole 180° + 135° UNC set

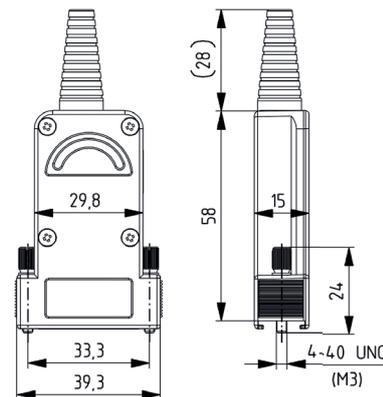


### 360° EMI/RFI full-metal hood (series 118DC)

#### Large mounting space and 3 cable strain relief options

- D-Sub hood with 180° and 90° cable outlet
- Large mounting space for special solutions with PCBs etc.
- 3 strain relief and shield connection versions
- Internal cable clamp for compact mounting depth
- External cable clamp for special cables up to Ø 14 mm
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)
- Vibration-proof locking option with allen screw with spring washer

#### Dimensions



#### Technical data (mutual data on pages 153 & 168)

Cable diameter	4-12mm (External clamp: 14 mm)
Temperature range	-55° C to +90° C
Housing	Zn-alloy
Knurled/cover screw	St nickel-plated / St galvanised

#### Order information

118152DC25001	15-pole UNC Set
118153DC25001	15-pole M3 Set

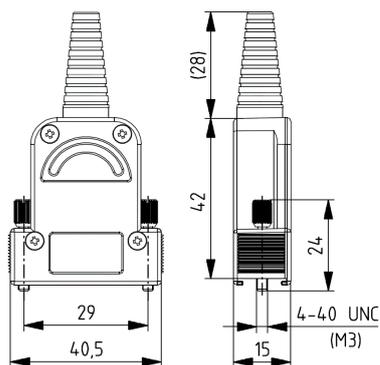


## DVI full-metal hood (series 119DC)

### Vibration- and torsion-proof cable connection

- Especially for high-quality fully shielded DVI connecting lines
- Flexibility at the cable connection with 3 strain relief options
- Internal cable clamp for compact mounting depth
- Crimp flange system for 360°-shielding
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)
- External cable clamp for special cables up to Ø 14 mm
- Vibration-proof locking with optional Inbus screw with spring washer

### Dimensions



### Technical data (mutual data on pages 153 & 168)

Cable diameter	4-12mm (External clamp: 14 mm)
4-12mm (External clamp: 14 mm)	
Temperature range	-55° C to +90° C

### Order information

119152DC25001	DVI JAE connector UNC Set
119153DC25001	DVI JAE connector M3 Set
119152DC25000	DVI JAE connector UNC single parts
119153DC25000	DVI JAE connector M3 single parts
119158DC25001	DVI Molex connector UNC Set
119159DC25001	DVI Molex connector M3 Set
119158DC25000	DVI Molex connector UNC single parts
119159DC25000	DVI Molex connector M3 single parts

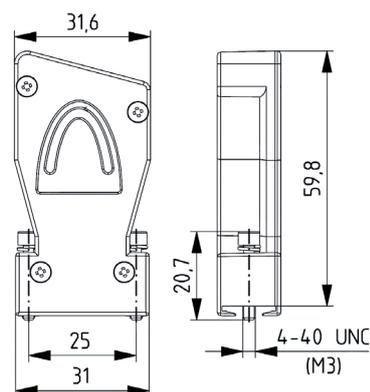


## Full-metal bus hoods (series 101DC)

### With 2 cable outlets and vibration-/torsion-proof

- Compact construction with 2 cable outlets
- Vibration- and torsion-proof with crimp flange/crimp sleeve
- 360° EMI/RFI shielding with crimp flange/crimp sleeve Vibration-proof screw-locking with spring washer
- Vibration-proof screw-locking with spring washer
- Long construction with mounting space for special solutions
- Extremely space-saving stackable (height 1 TE)
- Pre-assembled Inbus screw UNC 4-40 or M3

### Dimensions

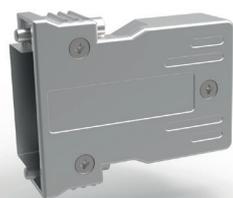


### Technical data (mutual data on pages 153 & 168)

Cable diameter	9 -25:max Ø 14
Temperature range	-55° C to +90° C
Case	Zn-alloy
Knurled/cover screw	St nickel-plated / St galvanised

### Order information

10109DC001	9-pole Inbus screw UNC Set
10109M3DC001	9-pole Inbus screw M3 Set

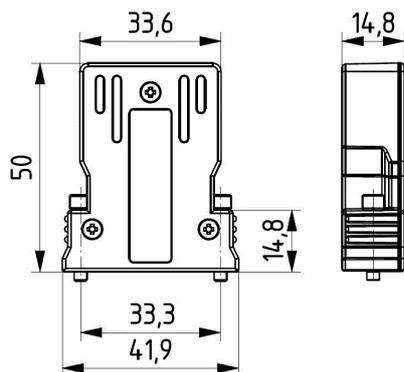


## Vollmetall Bushaube 15-polig (Serie 101DC)

### mit 2 Kabelaugängen und vibrations-/torsionssicher

- Kompakte 15-polige Konstruktion mit 2 Kabelaugängen 180°
- Vibrations- und torsionssichere Zugentlastung mit Crimpflansch/Crimphülse
- Vibrations- und torsionssicherer Schirmanschluss mit Crimpflansch/Crimphülse
- Externe Kabelklemme für Kabeldurchmesser 4 - 14 mm
- Vibrationsssichere Schraubverriegelung mit Federring
- Lange Bauform mit Einbauraum für PCB und Sonderlösungen
- Extrem platzsparend anreihbar (Bauhöhe 1 TE)
- Vormontierte Inbusschraube UNC 4-40 oder M3

### Dimensions



### Technical data (mutual data on pages 153 & 168)

Kabeldurchmesser	max Ø 14
Temperaturbereich:	-55° C bis +90° C
Gehäuse	Zn-Legierung
Rändel-/ Deckelschraube	St vernickelt / St verzinkt

### Order information

10115DC001	15-pole allen screw UNC Set
10115M3DC001	15-pole allen screw M3 Set

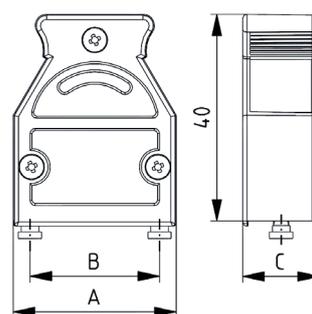


## Full-metal hood (series 07DC)

### For push and clip locking

- 2 cable outlets for 9-pole and 3 cable outlets from 15-pole
- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Optimally HF-dense in connection with crimp flanges
- Multiple opening possible

### Dimensions



	9	15	25	37	50
A	31,0	39,0	53,0	69,5	67,0
B	25,0	33,3	47,0	63,5	61,1
C	14,8	14,8	14,8	14,8	17,4

### Technical data (mutual data on pages 153 & 168)

Protection class	IP 20
Cable diameter	max. Ø 14 mm / 50-polig: max. Ø 16 mm
Temperature range	-55° C to +90° C
Housing	Zn-alloy

### Order information

0709DC001	9-pole Set
0715DC001	15-pole Set
0725DC001	25-pole Set
0737DC001	37-pole Set
0750DC000	50-pole Set

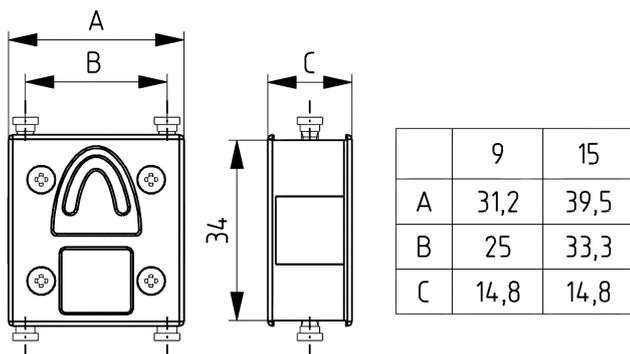


## Full-metal adapter hood (series 77DC)

### Wide range of applications

- 2 D-Sub outlets
- 2 cable outlets for external cable clamp/crimp flange
- Universally applicable as bus-hood or as Dongle
- Easy assembly
- For push and clip locking systems

### Dimensions



### Technical data *(mutual data on pages 153 & 168)*

Protection class	IP 20
Cable diameter	4 - 14 mm
Temperature range	-55° C to +90° C
Housing	Zn-alloy

### Order information

7709DC001	9-pole Set
7715DC001	15-pole Set

# Your notes

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# Full-metal hoods Nickel-plated

Applications with 360° shielding and high requirements

D-Sub Hoods



For applications with high quality shielding and optical requirements, Provertha offers a program of nickel-plated full metal hoods with special housing design for 360° shielding.

Quick and easy assembly through a practical design with a minimized number of single parts are an essential feature of D-Sub full metal hoods.

The tailor-made solution can be implemented with a wide range of options with regard to locking, cable outlet and a comprehensive range of accessories.

Various locking options

- Screw locking with knurled screws in different lengths
- Push-pull locking with the innovative „Quick Lock“ system

Cable connection versions for the highest requirements

- 360° EMI / RFI crimp flange system vibration and torsion-proof
- external cable clamp for diameters 4 - 14 mm (50-pole: up to 16 mm)
- Cable clamp internally as a compact solution

The right hood for every application

- Hoods with straight or sloping cable outlet
- Hoods with several cable outlets

## Technical data

IP protection class	IP 20
Temperature range	- 45°C to + 90°C
Tightening torque	
Cable clamp screw	max. 30 Ncm
Cover screw	max. 20 Ncm
Housing	Zn alloy Ni-plated
Cable diameter in mm	
Series 104DC/117DC/147DC Internal	9:4 -10 / 15:4-12 / 25:4-14 / 37-50:4-15
Series 104DC/117DC/147DC External	9-37:4 - 14 / 50: 4 - 16
Series 109/110DC	max. 10

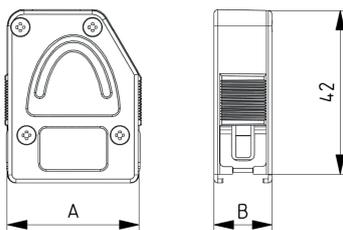


## Ni-plated Quick Lock full-metal hoods (series 104DCN)

### Push-Pull locking and internal cable clamp

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Vibration-proof locking with certified test acc. to EN 61373
- Faster assembly than screw and push locking
- Automotive approval
- 2-3 cable outlets
- Internal cable clamp for compact economical solutions

### Dimensions



	9	15	25	37	50
A	33,0	41,3	55,0	71,5	70,3
B	14,8	14,8	14,8	14,8	17,8

### Technical data (mutual data on pages 153 & 176)

Protection class	IP 20
Cable diameter	09:max Ø 10/15-25:max. Ø 12/37-50 :max. Ø 15
Temperature range	-55° C to +90° C
Housing /screws	Zn-alloy / Steel galvanised

### Order information

104091DCN001	9-pole 1 cable clamp Set
104151DCN001	15-pole 1 cable clamp Set
104251DCN001	25-pole 1 cable clamp Set
104371DCN001	37-pole 1 cable clamp Set
104501DCN001	50-pole 1 cable clamp Set

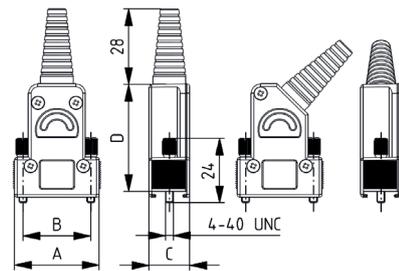


## Ni-plated full-metal hoods (series 117DCN/147DCN)

### 3 cable strain relief versions and screw lock

- Hood with special shielding design for high-quality EMC applications
- 2 cable outlets 180° and 135° from 15-pole version in one hood
- 9/15-pole Index 117: cable outlet 180° / Index 147: cable outlet 135°
- Always fitting with 3 options for cable strain relief and shield connection
- Compact economic solutions with internal cable clamp
- Large cable diameters and more mounting space with external cable clamp
- Shielding and strain relief vibration-proof with crimp flange/crimp sleeve

### Dimensions



	9	15	25	37	50
A	31,2	39,5	53,2	69,7	69,1
B	25	33,3	47,0	63,5	61,1
C	15,0	15,0	15,0	15,6	17,8
D	40,0	42,0	46,0	48,0	42,0

### Technical data (mutual data on pages 153 & 176)

Cable diameter internal	9: 4-10 / 15-25: 4-12 / 37-50: 4-15
Cable diameter external	9 -25: 4 - 14 / 37-50: 4 - 16
Temperature range:	-55 °C to + 90 °C

### Order information

117092DCN25001	9-pole 180° UNC Set / 135°:147092DCN25001
117152DCN25001	15-pole 180° UNC Set / 135°:147152DCN25001
117252DCN25001	25-pole180° + 135° UNC Set
117372DCN25001	37-pole 180° + 135° UNC Set
117502DCN25001	50-pole180° + 135° UNC Set

**FLEXLOCK**  
Coming soon

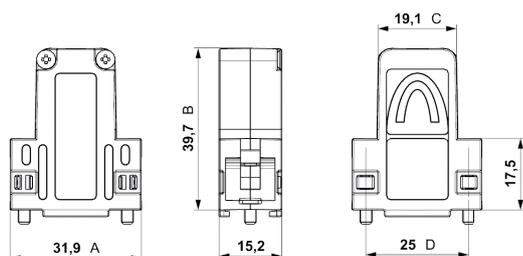


## Full-metal hood Nickel-plated (series 217DCN)

### Screw locking or Quick Lock Push Pull

- Patented double locking system in one D-Sub hood
- Screw locking or Quick Lock Push Pull
- Hood with special shielding design for high-quality EMC applications
- Simple assembly thanks to pre-assembled screws and snap-together design
- Option for version with locking nut for cable-cable connections
- Compact economic solutions with internal cable clamp
- Size 1: 9-pole / size 2: 15-pole / size 3: 25-pole
- Nickel-plated hood protected as a complete set in a bag

### Dimensions



	09	15	25
A	31,9	40,3	54
B	39,8	41,3	45,3
C	19,1	24,1	32,9
D	25	33,3	47

### Technical data (mutual data on pages 153 & 176)

Degree of protection	IP 20
Cable diameter internal cable clamp	9-pole: Ø 3 - 9,5 / 15 and 25-pole: Ø 3 - 8,5
Temperature range	-55° - 90° C

### Order information

2170901DCN18001	9-pole screw locking UNC IK set
2171501DCN18001	15-pole screw locking UNC IK set
2172501DCN18001	25-pole screw locking UNC IK set
2170901DCN001	9-pole Quick Lock locking IK set
2171501DCN001	15-pole Quick Lock locking IK set
2172501DCN001	25-pole Quick Lock locking IK set

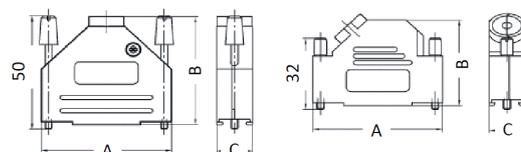


## Ni-plated full-metal hood (series 109DC-110DC)

### With screw locking

- 2-piece die cast hood
- Shield connection with attached clamping system
- For cable diameter up to max. 10 mm
- Cable exit 180°: series 109 and cable exit 135°: series 110
- Knurled screw UNC 4-40
- Good performance with low price

### Dimensions



	10909DC	10915DC	10925DC	10937DC	11909DC	11915DC	11925DC	11937DC
Pol	9	15	25	37	9	15	27	37
A	31,2	39,5	53,4	69,7	31	39,5	53,2	69,7
B	39,9	41,5	48,6	53,6	36,3	40,3	40,3	40,3
C	15	15	15,5	15,5	14,5	14,5	14,5	14,5

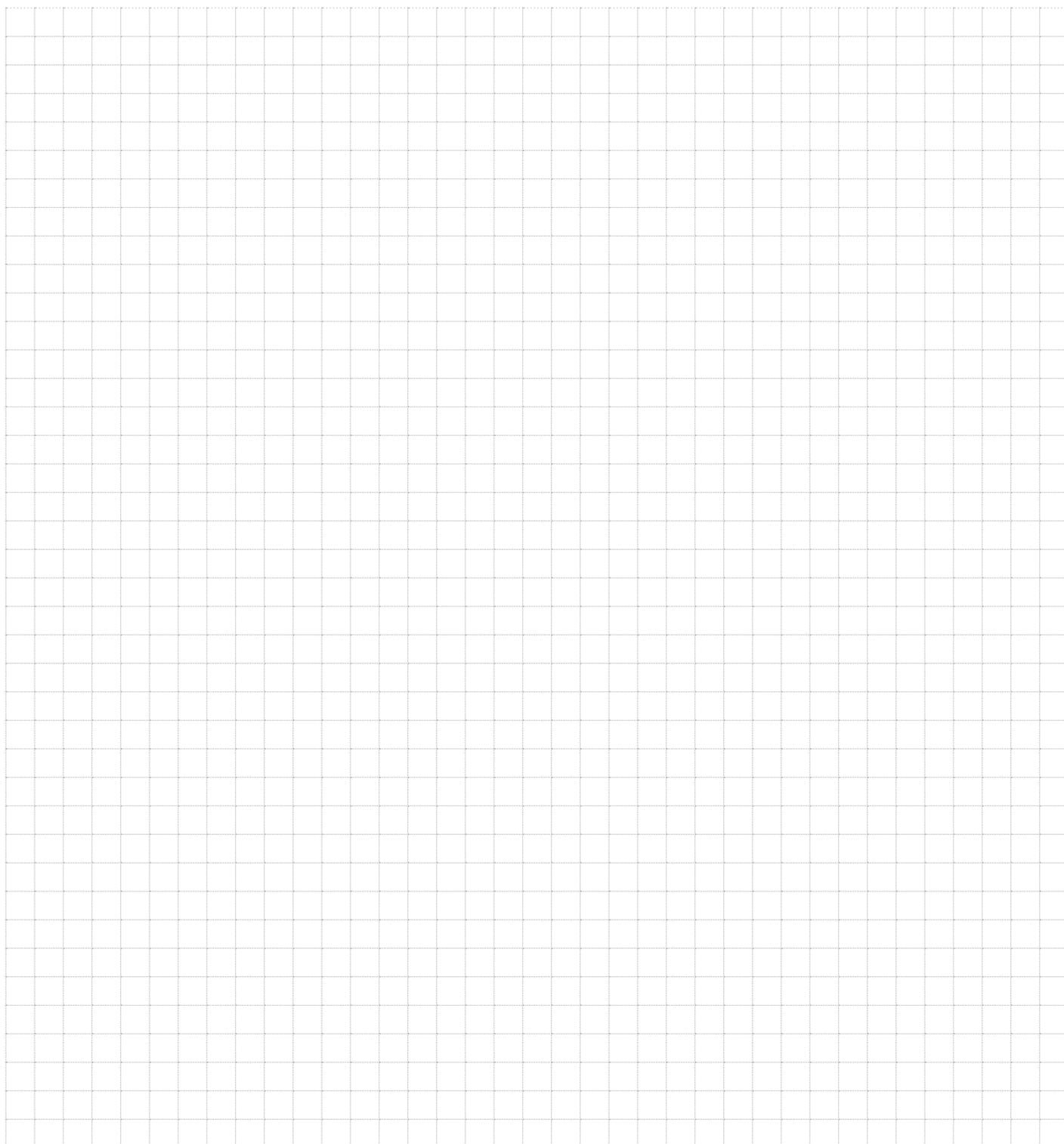
### Technical data (mutual data on pages 153 & 176)

Cable diameter	max. Ø 10
Temperature range	-55° C bis +90° C
Housing	Zn alloy Ni-plated
Knurled screw	St Ni-plated with plastic knurled cap

### Order information

10909DC001	9-pole 180° Set
10915DC001	15-pole 180° Set
10925DC001	25-pole 180° Set
10937DC001	37-pole 180° Set
11009DC001	9-pole 135° Set
11015DC001	15-pole 135° Set
11025DC001	25-pole 135° Set
11037DC001	37-pole 135° Set

# Your notes



# Hood accessories

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D-Sub Hoods



**Technical data**

See each product

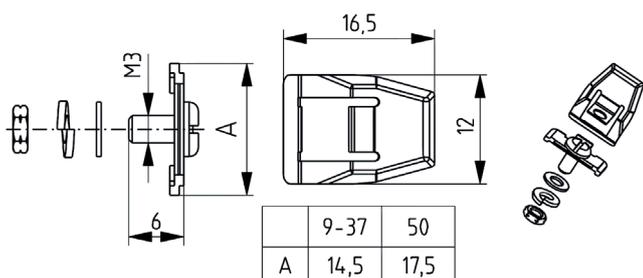
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## Clip locking

- Fits at every D-Sub connector
- Easy handling, one grip opening and locking
- Safe locking

### Dimensions



### Technical data (mutual data on pages 153 & 180)

Clip/washer/spring washer	Stainless steel
Retainer/screw/ nut	Steel tin-plated or galvanised

### Order information

51937ETA002	9-37-pole tin-plated set
51050ETA002	50-pole tin-plated set
51937EZA002	9-37-pole galvanised set
51050EZA002	50-pole galvanised set
51937ETA000	9-37-pole tin-plated single parts
51050ETA000	50-pole tin-plated single parts
51937EZA000	9-37-pole galvanised single parts
51050EZA000	50-pole galvanised single parts

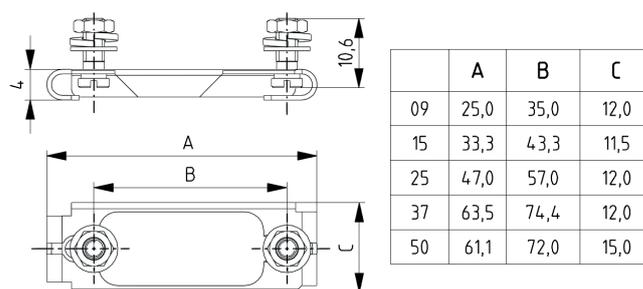


## Slide locking

### Stainless steel edition

- Stainless steel edition
- Universally fitting
- 3 screw variants to choose from
- E4Z:UNC 4-40/E3Z:M3/ESZ:self tapping screw
- Pole numbers: 9 / 15 / 25 / 37

### Dimensions



### Technical data (mutual data on pages 153 & 180)

Pole numbers	9 / 15 / 25 / 37 / 50
Slide mating engagement	stainless steel

### Order information

5109E4Z001	9-pole UNC set I 000: single parts I E3Z:M3
5115E4Z001	15-pole UNC set I 000: single parts I E3Z:M3
5125E4Z001	25-pole UNC set I 000: single parts I E3Z:M3
5137E4Z001	37-pole UNC set I 000: single parts I E3Z:M3
5150E4Z001	50-pole UNC set I 000: single parts I E3Z:M3
5109ESZ001	9-pole self tapping set I 000: single parts
5115ESZ001	15-pole self tapping set I 000: single parts
5125ESZ001	25-pole self tapping set I 000: single parts
5137ESZ001	37-pole self tapping set I 000: single parts
5150E3Z001	50-pole M3 set I 000: single parts

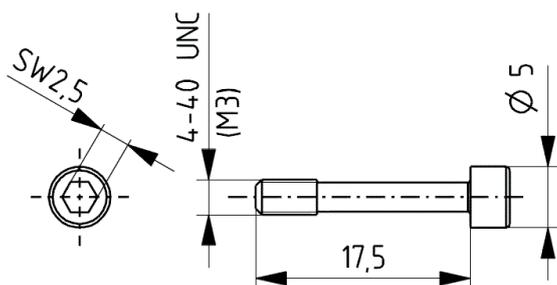


### Cylinder screw with internal hex ISO 4762

#### For full-metal hoods with screw-locking

- Cylinder head with internal hex SW 5
- Handling of confined mounting place with hex ballpoint screwdriver
- Full-metal version for safe tightening and loosening
- Corrosion protection through nickel-plated surface
- Total length 20.7 mm
- Thread UNC 4-40 or M3
- Other thread sizes upon request

#### Dimensions



#### Technical data (mutual data on pages 153 & 180)

Material Steel nickel-plated

#### Order information

5520Z4N Inbus screw UNC 4-40  
 5520Z3N Inbus screw M 3

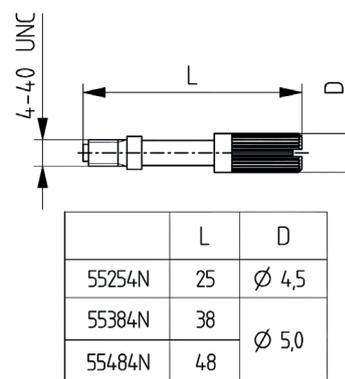


### Knurled screw with slot

#### For plastic hoods of the series 17, 47, 57

- Combi-head with knurl and slot 0,8
- Full-metal version for safe tightening and loosening
- Corrosion protection through nickel-plated surface
- Short version with total length 25 mm
- Thread UNC 4-40 or M3
- Other thread sizes upon request

#### Dimensions



#### Technical data (mutual data on pages 153 & 180)

Material Steel nickel-plated

#### Order information

55254N Knurled screw nickel-plated UNC 4-40  
 55384N Knurled screw nickel-plated UNC 4-40  
 55484N Knurled screw nickel-plated UNC 4-40

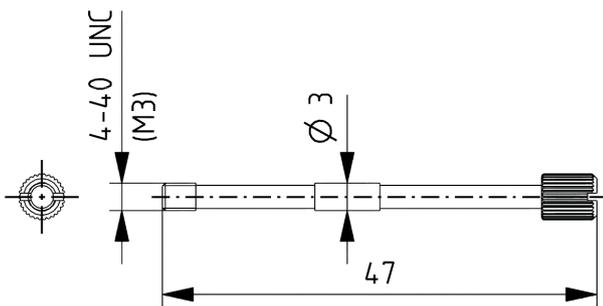


## Knurled screw with slot and internal thread

### For plastic adapter hoods series 87

- Combi-head  $\varnothing 5$  with knurl and slit 8 and internal thread
- Full-metal version for safe tightening and loosening
- Corrosion protection through nickel-plated surface
- Total length 47 mm

### Dimensions



### Technical data (mutual data on pages 153 & 180)

Material Steel nickel-plated

### Order information

554744N Knurled screw 47 4-40 UNC  
554733N Knurled screw 47 M3

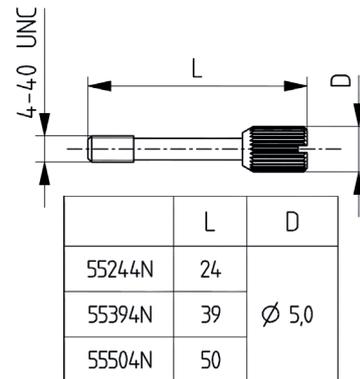


## Knurled screw with slot

### For full-metal hoods of the series 17 and 47

- Combi-head with knurl and slot 0,8
- Full-metal version for safe tightening and loosening
- Corrosion protection through nickel-plated surface
- Short version with total length 25 mm
- Thread UNC 4-40 or M3

### Dimensions



### Technical data (mutual data on pages 153 & 180)

Material Steel nickel-plated

### Order information

55244N Knurled screw nickel-plated UNC  
55394N Knurled screw nickel-plated UNC  
55504N Knurled screw nickel-plated UNC

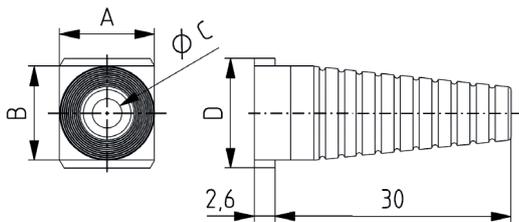


### Cable bushings with rectangle flange contour

#### For full-metal-, QuickLock-, push lock hoods

- Easy fast mounting due to flange contour in hood flange contour
- Diameter grading 0.5 mm
- 5 versions for cable diameter 2-11.5 mm
- Grooved marking for every diameter grading
- Marking secures easy exact cut for the diameter
- 2 versions: 9-37-pole hoods and 50-pole hoods

#### Dimensions



	KT07KB	KT07GB
A	12,0	14,5
B	12,0	14,5
∅ C	∅ 3,8	∅ 6,3
D	14,0	19,3

#### Technical data (mutual data on pages 153 & 180)

Material TPE

#### Order information

KT07KB For 9-37pole hoods / ∅ 3 - 9  
 KT07GB For 50pole hoods / ∅ 6 - 11,5

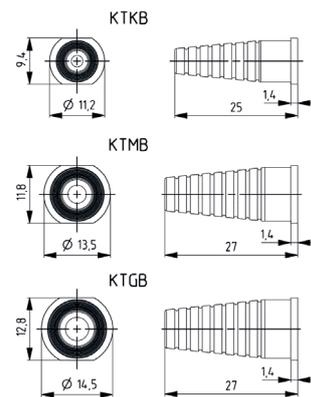


### Cable bushings with round flange contour

#### For plastic hoods 07/17/47/57

- Easy fast assembly due to flange contour
- Diameter in steps of 0,5 mm
- Grooved marking for every diameter grading
- Marking secures easy exact cut for the diameter
- 3 versions: 9-15-pole for ∅ 2-6/ 25-37-pole for ∅ 3-8/ 50-pole for ∅ 4-9

#### Dimensions

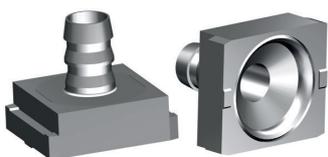


#### Technical data (mutual data on pages 153 & 180)

Material TPE

#### Order information

KTKB 9-15pole / ∅ 2 - 6 mm  
 KTMB 25-37pole / ∅ 4 - 8 mm  
 KTGB 50pole / ∅ 4 - 9 mm

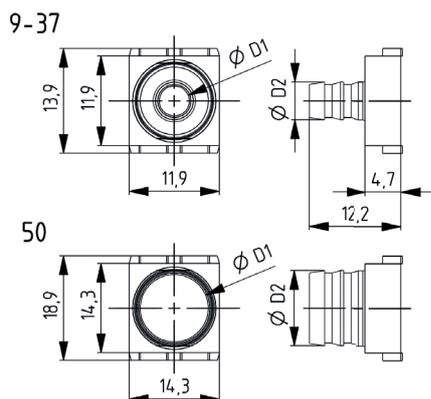


## Crimp flange for D-Sub hoods

### Extremely safe 360° shielding and strain relief

- 360° EMI/RFI shielding
- Vibration- und torsion-proof cable shield connection
- Vibration- and torsion-proof strain relief
- Reliability over the lifetime due to hexagonal crimp
- Gas-proof connection with hexagonal crimp
- Crimping tools for the respective sleeve size
- Validation service for the respective cable type

### Dimensions



### Technical data (mutual data on pages 153 & 180)

Material	Zinc and Cu-alloy
Surface	Cu-alloy tin-plated

### Order information

D040F050T	D1:4/D2:5 9-37pol. I D040F050T50:50pol.
D045F055T	D1:4,5/D2:5,5 9-37pol. I D045F055T50:50pol.
D050F060T	D1:5/D2:6 9-37pol. I D050F060T50:50pol.
D055F065T	D1:5,5/D2:6,5 9-37pol. I D055F065T50:50pol.
D060F070T	D1:6/D2:7 9-37pol. I D060F070T50:50pol.
D065F075T	D1:6,5/D2:7,5 9-37pol. I D065F075T50:50pol.
D070F080T	D1:7/D2:8 9-37pol. I D070F080T50:50pol.
D076F085T	D1:7,6/D2:8,5 9-37pol. I D076F085T50:50pol.
D080F090T	D1:8/D2:9 9-37pol. I D080F090T50:50pol.
D085F095T	D1:8,5/D2:9,5 9-37pol. I D085F095T50:50pol.

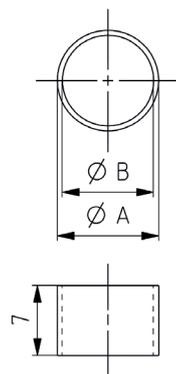


## Crimp sleeves

### For cable diameters from 5.0 to 17.0 mm

- Vibration-proof strain relief with hexagonal crimp
- Torsion-proof strain relief with hexagonal crimp
- Grading 5 mm
- Crimping tools for every sleeve size
- Validation service for cables

### Dimensions



D160H170T	17,0	16,0
D140H150T	15,0	14,0
D130H140T	14,0	13,0
D120H130T	13,0	12,0
D110H120T	12,0	11,0
D100H110T	11,0	10,0
D090H100T	10,0	9,0
D070H080T	8,0	7,0
D060H070T	7,0	6,0
D050H060T	6,0	5,0
	Ø A	Ø B

### Technical data (mutual data on pages 153 & 180)

Material	Cu-alloy
Surface	tin-plated

### Order information

D050H060T	Crimpsleeve Di=5 / Da=6
D055H065T	Crimpsleeve Di=5,5 / Da=6,5
D060H070T	Crimpsleeve Di=6 / Da=7
D065H075T	Crimpsleeve Di=6,5 / Da=7,5
D070H080T	Crimpsleeve Di=7 / Da=8
D075H085T	Crimpsleeve Di=7,5 / Da=8,5
D080H090T	Crimpsleeve Di=8 / Da=9
D085H095T	Crimpsleeve Di=8,5 / Da=9,5
D090H100T	Crimpsleeve Di=9 / Da=10
D095H105T	Crimpsleeve Di=9,5 / Da=10,5

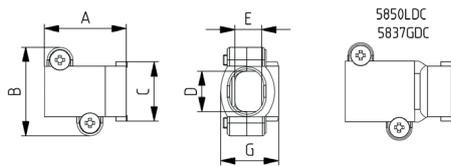


## Cable clamps (58DC Series)

### For full metal hoods, QL-hoods and plastic hood series 07

- Secure constant shield connection due to solid version and design
- Secure shield transfer to hood due to special design
- Easy cable harnessing due to pre-assembly outside the hood
- Optionally, a few cables can run through one cable clamp
- Cable-diameter for hoods 9-37pole in mm: 4 - 7 / 7 - 10 / 9 -12 / 11 - 14
- Cable-diameter for hoods 50-pole in mm: 8 - 10 / 11 - 14 / 14 - 16

### Dimensions



	A	B	C	D	E	G	für Kabel- Ø mm for cable Ø mm			
							○	○	⊗	⊗
5815GDC	19,1	18,0	13,9	10	6	14,7	4-7	4-5	7,5-8,5	6,5-8
5815KDC				3,5				7-10	5-6	6-7
5825GDC	24,8	20,8		10,7	8		9-12	6-7	4-5	-
5837GDC	24,8	23,0	13,9	12,9	9,5		11-14	7-8	6-7	5-6
5850GDC	21,1	23,0	19,0	13,0	9,0	15,3	8-10	5-7	5-6	4-5
5850KDC					5,0		11-14	7-8	4-4,5	-
5850LDC	24,8	26,0		11,0	17,1	14-16	9-10	3,5-4	-	

### Technical data (mutual data on pages 153 & 180)

IP protection class	IP20
Temperature range:	- 20° C to + 90° C
Tightening torque	max. 35 Ncm
Cable clamp / screw	Zinc alloy / Steel Zinc-plated

### Order information

5815KDC001	Set for sz 1-4/1 cable:Ø 4-7/2 cables:Ø 4-5
5815GDC001	Set für sz 1-4/1 cable:Ø 7-10/2 cables:Ø 5-6
5825GDC001	Set für sz 1-4/1 cable:Ø 9-12/2 cables:Ø 6-7
5837GDC001	Set für sz 1-4/1 cable:Ø 11-14/2 cables: Ø 7-8
5850KDC001	Set für sz 5/1 cable:Ø 8-10/2 cables: Ø 5-7
5850GDC001	Set für sz 5/1 cable:Ø 11-14/2 cables: Ø 7-8
5850LDC001	Set für sz 5/1 cable:Ø 14-16/2 cables: Ø 9-10
58xxDC000	Packaging as single parts