

# Feeder Trunking, type FED Aluminium



## Basic data

### Description

Rugged aluminium trunking for quick, easy, concealed installation of cables. The trunking is divided into compartments with fixed partitions for good separation of the cables. The cover and back sections of the trunking have earthing slots. The slots are also used to attach tie holders.

### Benefits

- Large range of accessories
- Rugged, attractive design
- Can be colour-matched (NCS and RAL scale)
- Suits all surroundings
- Can be installed free-standing even where the fixing points are far apart.

### Installation

Horizontal, vertical on a wall, or on the ceiling. Fixes directly to the backing surface. Use nail plugs TPS for nail-through installation when fixing to concrete, light concrete or brick.

### Materials and Colours

Natural anodized or powder coated aluminium<sup>1</sup>. Thorsman standard white is NCS 0402-B91G (≈ NCS S 0500-N) for powder coating.

### Lengths supplied

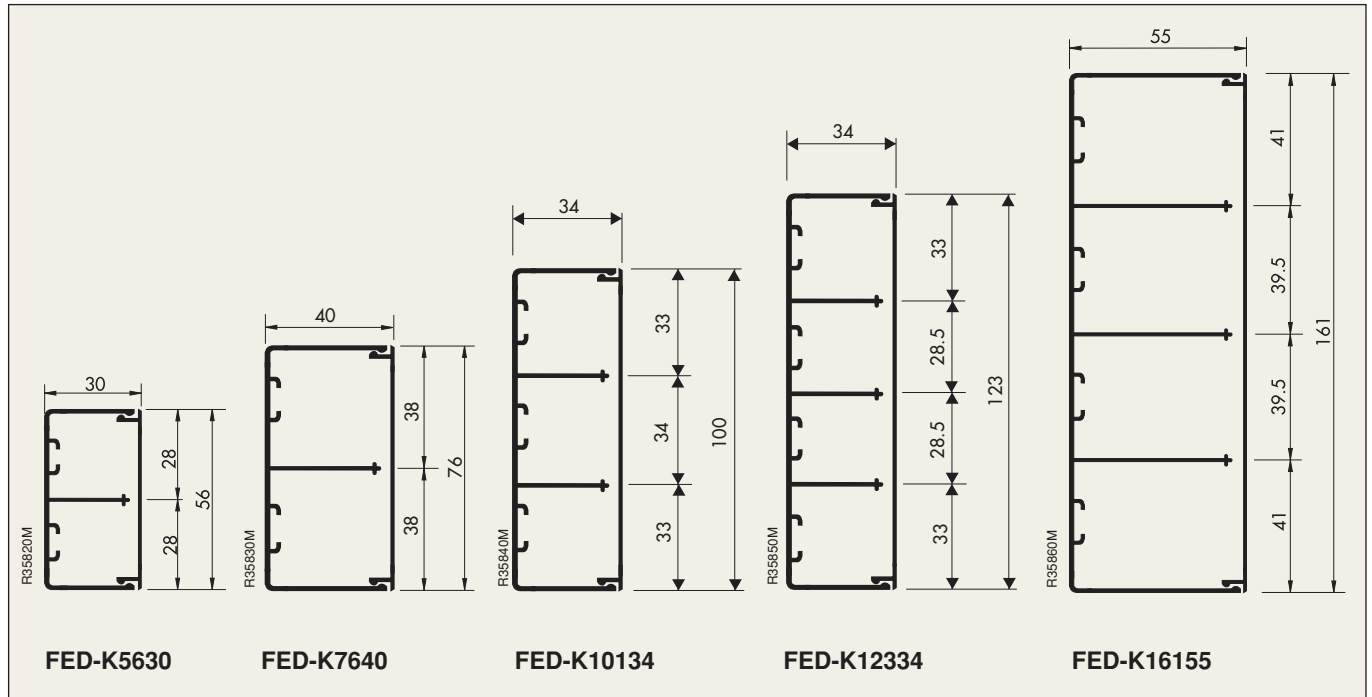
2.5 metres.

### Accessories

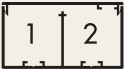
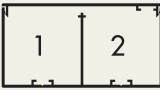
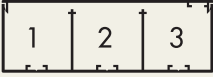
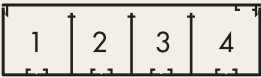
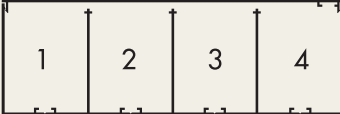
Corner sections, clamps, ties with fixings, stop ends, collars and seals.

<sup>1</sup> Can be painted in any shade listed in the NCS and RAL colour ranges (see page 6).

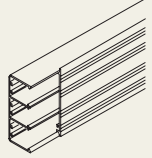
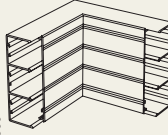
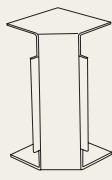
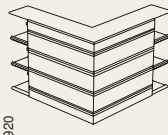
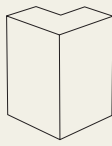

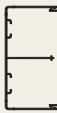
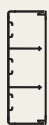

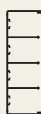
## Design and Dimensions, type FED



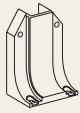
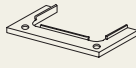
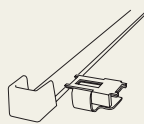
## Cable Capacity, type FED

Type	Cross-Comp area	Max Ø	Cable capacity mm <sup>2</sup> section	40 %	50 %	60 %
<b>FED-5630</b> 	1	26	584	234	292	350
	2	26	584	234	292	350
<b>FED-7640</b> 	1	36	1184	474	592	710
	2	36	1184	474	592	710
<b>FED-10134</b> 	1	31	821	328	411	493
	2	33	866	346	433	520
	3	31	821	328	411	493
<b>FED-12334</b> 	1	31	820	328	410	492
	2	27	711	284	356	427
	3	27	711	284	356	427
	4	31	820	328	410	492
<b>FED-16155</b> 	1	38	1838	735	919	1103
	2	38	1806	722	903	1084
	3	38	1806	722	903	1084
	4	38	1838	735	919	1103

## Product Range, type FED

In the matrix: Type Art. No. Material/Finish	 L35880	 L35900	 L35910	 L35920	 L35930
FED-	Trunking base	Internal corner	Internal corner *	External corner	External corner *
<b>5630</b>  R35820	<b>FED-K5630</b> 5435 100 AN 5435 101 PC	<b>FED-IH5630</b> 5440 100 AN 5440 101 PC	<b>FED-IH5630-1</b> 5442 100 AN 5442 101 PC	<b>FED-YH5630</b> 5440 200 AN 5440 201 PC	<b>FED-YH5630-1</b> 5442 200 AN 5442 201 PC
<b>7640</b>  R35830	<b>FED-K7640</b> 5435 110 AN 5435 111 PC	<b>FED-IH7640</b> 5440 110 AN 5440 111 PC	<b>FED-IH7640-1</b> 5442 110 AN 5442 111 PC	<b>FED-YH7640</b> 5440 210 AN 5440 211 PC	<b>FED-YH7640-1</b> 5442 210 AN 5442 211 PC
<b>10134</b>  R35840	<b>FED-K10134</b> 5435 120 AN 5435 121 PC	<b>FED-IH10134</b> 5440 120 AN 5440 121 PC	<b>FED-IH10134-1</b> 5442 120 AN 5442 121 PC	<b>FED-YH10134</b> 5440 220 AN 5440 221 PC	<b>FED-YH10134-1</b> 5442 220 AN 5442 221 PC
<b>12334</b>  R35850	<b>FED-K12334</b> 5435 130 AN 5435 131 PC	<b>FED-IH12334</b> 5440 130 AN 5440 131 PC	<b>FED-IH12334-1</b> 5442 130 AN 5442 131 PC	<b>FED-YH12334</b> 5440 230 AN 5440 231 PC	<b>FED-YH12334-1</b> 5442 230 AN 5442 231 PC
<b>16155</b>  R35860	<b>FED-K16155</b> 5435 140 AN 5435 141 PC	<b>FED-IH16155</b> 5440 140 AN 5440 141 PC	<b>FED-IH16155-1</b> 5442 140 AN 5442 141 PC	<b>FED-YH16155</b> 5440 240 AN 5440 241 PC	<b>FED-YH16155-1</b> 5442 240 AN 5442 241 PC

\* For large bending radius.

In the matrix: Type Art. No. Material/Finish	 L35980	 L35990	 L37030
FED-	Collar	Seal for collar	Cable tie holder
<b>5630</b>	<b>TRL-KN5630</b> 5322 411 POR 5322 414 POG	<b>TRL-TKN5676</b> 5322 450 POBL	<b>FED-FA</b> 5440 800 POBL
<b>7640</b>	<b>TRL-KN7640</b> 5322 431 POR 5322 434 POG	<b>TRL-TKN5676</b> 5322 450 POBL	<b>FED-FA</b> 5440 800 POBL
<b>10134</b>			<b>FED-FA</b> 5440 800 POBL

AL= Aluminium, untreated

AN= Aluminium, natural anodized

AF= Aluminium, foiled (page 7)

PC= Powder coated (page 6)

PV= PVC white (RAL 9016)

PR= PVC white (RAL 9010)

PG= PVC grey

PB= PVC brown

PCLG= Powder coated, light grey metallic

POV= Plastic other, white

POR= Plastic other, white RAL 9010

POG= Plastic other, grey

POBL= Plastic other, black

POBR= Plastic other, brown

POT= Plastic other, transparent

PO= Plastic other, colour undefined


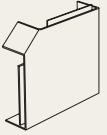

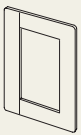
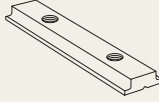


GS= Galvanized Steel

SO= Steel, other


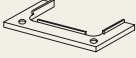
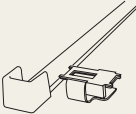
← = Left hand → = Right hand

↑ = Up, riser ↓ = Down, dropper

**Product Range, type FED (cont.)**

 L35940	 L35950	 L35970	 L32040	 L35960	 L37520  L37530
<b>Bend, 90°</b>	<b>Bend, 90° *</b>	<b>Stop end</b>	<b>Wall collar</b>	<b>Jointing piece</b>	<b>Clamps</b>
<b>FED-LS5630</b> 5440 300 AN 5440 301 PC	<b>FED-LS5630-1</b> 5442 300 AN 5442 301 PC	<b>FED-ES5630</b> 5440 400 AN 5440 401 PC		<b>FED-SSJ</b> 5440 810 AL	<b>TTM-KL36</b> 5401 610 POBL
<b>FED-LS7640</b> 5440 310 AN 5440 311 PC	<b>FED-LS7640-1</b> 5442 310 AN 5442 311 PC	<b>FED-ES7640</b> 5440 410 AN 5440 411 PC		<b>FED-SSJ</b> 5440 810 AL	<b>TTM-KL60</b> 5401 620 POBL
<b>FED-LS10134</b> 5440 320 AN 5440 321 PC	<b>FED-LS10134-1</b> 5442 320 AN 5442 321 PC	<b>FED-ES10134</b> 5440 420 AN 5440 421 PC	<b>TTI-R2 101</b> 5590 733 POR 5590 732 POG	<b>FED-SSJ</b> 5440 810 AL	<b>TTM-KL36</b> 5401 610 POBL <b>TTM-KL60</b> 5401 620 POBL
<b>FED-LS12334</b> 5440 330 AN 5440 331 PC	<b>FED-LS12334-1</b> 5442 330 AN 5442 331 PC	<b>FED-ES12334</b> 5440 430 AN 5440 431 PC	<b>TTI-R2 123</b> 5590 749 POR 5590 742 POG	<b>FED-SSJ</b> 5440 810 AL	<b>TTM-KL36</b> 5401 610 POBL <b>TTM-KL60</b> 5401 620 POBL
<b>FED-LS16155</b> 5440 340 AN 5440 341 PC	<b>FED-LS16155-1</b> 5442 340 AN 5442 341 PC	<b>FED-ES16155</b> 5440 440 AN 5440 441 PC	<b>TTI-R2 161</b> 5590 769 POR 5590 762 POG	<b>FED-SSJ</b> 5440 810 AL	<b>TTM-KL60</b> 5401 620 POBL

\* For large bending radius.

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<b>FED-</b>	<b>Collar</b>	<b>Seal for collar</b>	<b>Cable tie holder</b>
<b>12334</b>			<b>FED-FA</b> 5440 800 POBL
<b>16155</b>			<b>FED-FA</b> 5440 800 POBL

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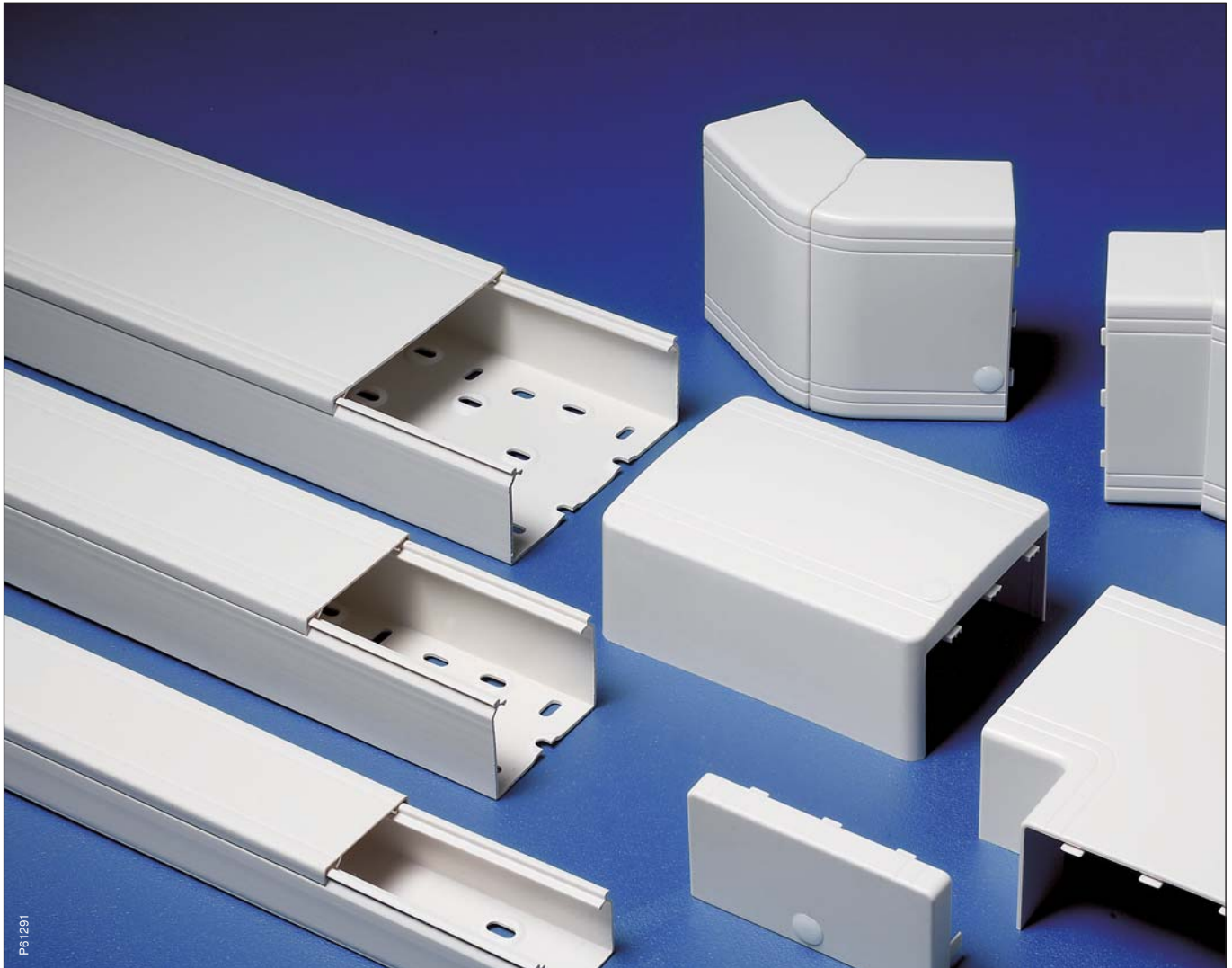
**PV**= PVC white (RAL 9016)  
**PR**= PVC white (RAL 9010)  
**PG**= PVC grey  
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**PCLG**= Powder coated, light grey metallic  
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**GS**= Galvanized Steel  
**SO**= Steel, other  
← = Left hand → = Right hand  
↑ = Up, riser ↓ = Down, dropper

# Feeder trunking, type TIR+ PVC



## Basic data

### Description

TIR+ is a wide range of PVC feeder trunking. The trunking can be used for power or low voltage wiring, telecoms and data communication in most environments.

The comprehensive range of accessories makes the system easy to work with. The trunking has pre-punched holes and comes in white colour. The holes conform to international DIN standards. Partitions and cable holders can easily be fitted without drilling new holes. The trunking can be installed horizontally or vertically on walls or in ceilings.

### Benefits

- The back of the trunking is punched to DIN standards, making it simple to fix by the nail-through method. It is easy to fit partitions and cable holders
- Wide range of accessories
- Wide range of trunking sizes
- Type-approved
- Spacers for cable tie fixing.

### Material and colours

Rigid self-extinguishing, cadmium- and lead-free PVC. Colour white RAL 9010 (NCS 0502-Y).

### Temperature range

-20 to +60 °C.

### Mounting

Horizontal or vertical, wall or ceiling. Mounts directly on surface. TPS plugs are recommended for nail-through fixing to standard and lightweight concrete or brick.

### Lengths supplied

2.5 metres.

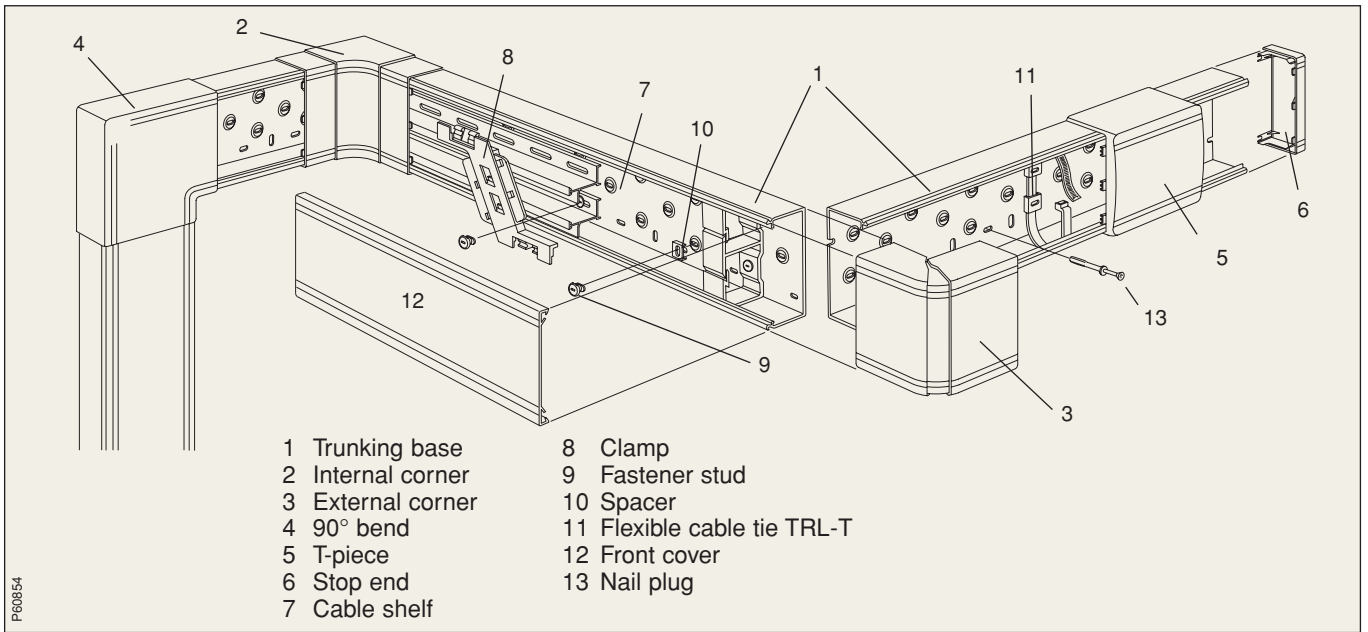
### Accessories

Corners, L-pieces, cable holders, partitions, end pieces, spacers, cable ties.

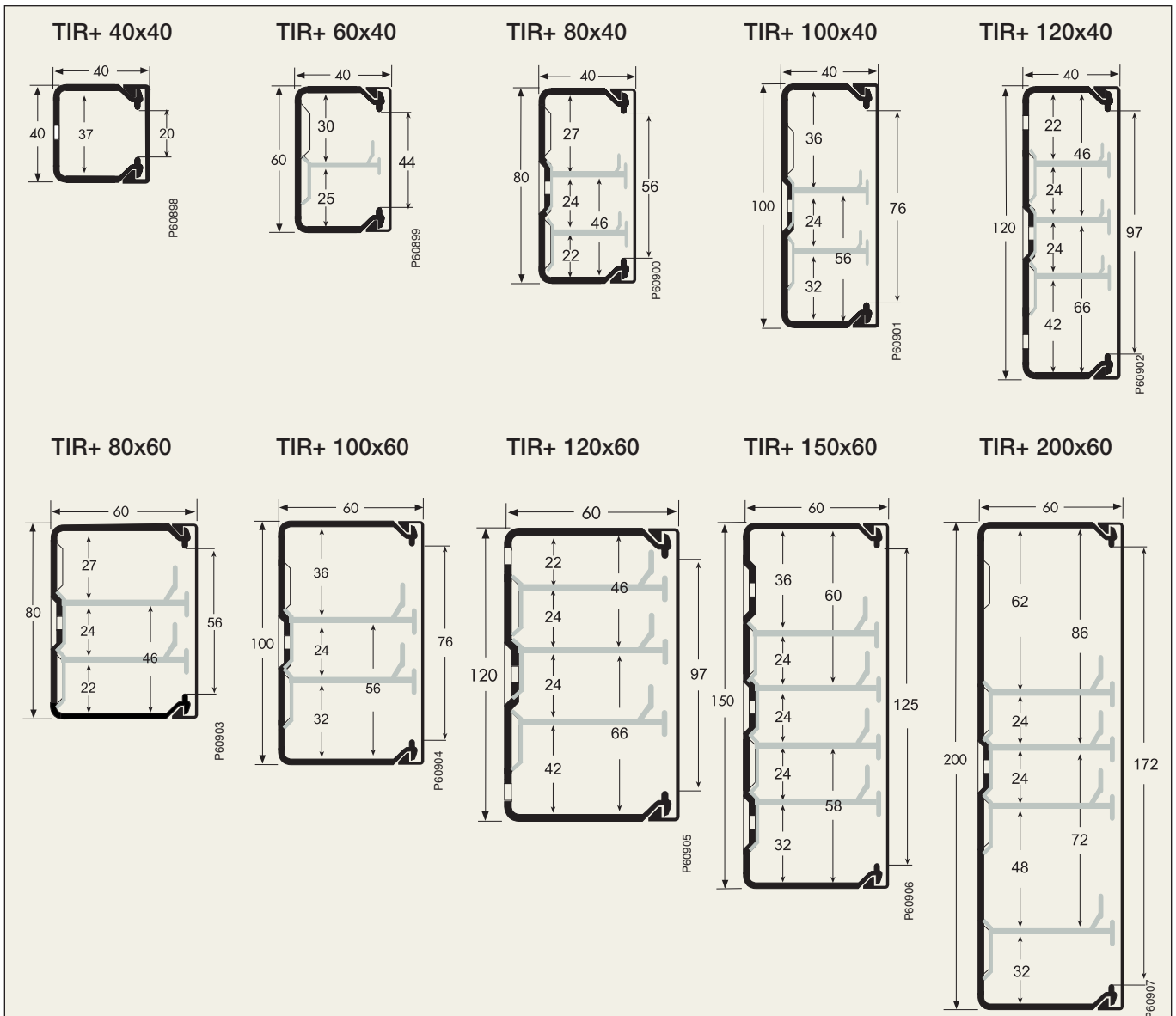
### Degree of protection

IP40.

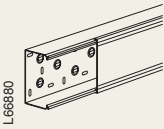
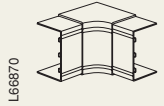
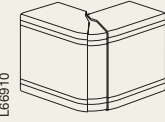
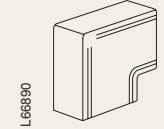
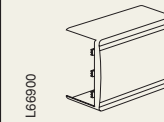
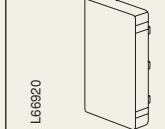










# System Description, type TIR+



# Design and Dimensions, type TIR

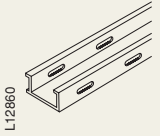

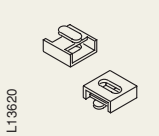
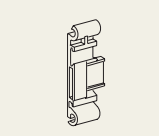
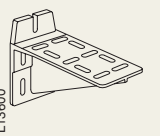
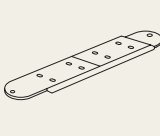
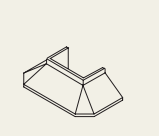


**Product Range, type TIR+**

In the matrix: Type Art. No. Material/ Finish	 L66880	 L66870	 L66910	 L66890	 L66900	 L66920
	<b>TIR+</b> <b>Feeder trunking</b>	<b>Internal corner</b>	<b>External corner</b>	<b>Bend, 90°</b>	<b>T-piece</b>	<b>Stop end</b>
<b>4040</b>  P60898	<b>TIR+ T4040</b> 5427 000 PR	<b>TIR+ IH4040</b> 5427 050 POR	<b>TIR+ YH4040</b> 5427 100 POR	<b>TIR+ LS4040</b> 5427 150 POR		<b>TIR+ ES4040</b> 5427 200 POR
<b>6040</b>  R10290	<b>TIR+ T6040</b> 5427 005 PR	<b>TIR+ IH6040</b> 5427 055 POR	<b>TIR+ YH6040</b> 5427 105 POR	<b>TIR+ LS6040</b> 5427 155 POR		<b>TIR+ ES6040</b> 5427 205 POR
<b>8040</b>  R10900	<b>TIR+ T8040</b> 5427 010 PR	<b>TIR+ IH8040</b> 5427 060 POR	<b>TIR+ YH8040</b> 5427 110 POR	<b>TIR+ LS8040</b> 5427 160 POR	<b>TIR+ TS8040</b> 5427 250 POR	<b>TIR+ ES8040</b> 5427 210 POR
<b>10040</b>  R10310	<b>TIR+ T10040</b> 5427 015 PR	<b>TIR+ IH10040</b> 5427 065 POR	<b>TIR+ YH10040</b> 5427 115 POR	<b>TIR+ LS10040</b> 5427 165 POR	<b>TIR+ TS10040</b> 5427 255 POR	<b>TIR+ ES10040</b> 5427 215 POR
<b>12040</b>  R10320	<b>TIR+ T12040</b> 5427 020 PR	<b>TIR+ IH12040</b> 5427 070 POR	<b>TIR+ YH12040</b> 5427 120 POR	<b>TIR+ LS12040</b> 5427 170 POR	<b>TIR+ TS12040</b> 5427 260 POR	<b>TIR+ ES12040</b> 5427 220 POR
<b>8060</b>  R10240	<b>TIR+ T8060</b> 5427 025 PR	<b>TIR+ IH8060</b> 5427 075 POR	<b>TIR+ YH8060</b> 5427 125 POR	<b>TIR+ LS8060</b> 5427 175 POR	<b>TIR+ TS8060</b> 5427 265 POR	<b>TIR+ ES8060</b> 5427 225 POR
<b>10060</b>  R10250	<b>TIR+ T10060</b> 5427 030 PR	<b>TIR+ IH10060</b> 5427 080 POR	<b>TIR+ YH10060</b> 5427 130 POR	<b>TIR+ LS10060</b> 5427 180 POR	<b>TIR+ TS10060</b> 5427 270 POR	<b>TIR+ ES10060</b> 5427 230 POR
<b>12060</b>  R10260	<b>TIR+ T12060</b> 5427 035 PR	<b>TIR+ IH12060</b> 5427 085 POR	<b>TIR+ YH12060</b> 5427 135 POR	<b>TIR+ LS12060</b> 5427 185 POR	<b>TIR+ TS12060</b> 5427 275 POR	<b>TIR+ ES12060</b> 5427 235 POR
<b>15060</b>  R10270	<b>TIR+ T15060</b> 5427 040 PR	<b>TIR+ IH15060</b> 5427 090 POR	<b>TIR+ YH15060</b> 5427 140 PR	<b>TIR+ LS15060</b> 5427 190 POR		<b>TIR+ ES15060</b> 5427 240 POR
<b>20060</b>  R10280	<b>TIR+ T20060</b> 5427 045 PR	<b>TIR+ IH20060</b> 5427 095 POR	<b>TIR+ YH20060</b> 5427 145 PR	<b>TIR+ LS20060</b> 5427 195 POR		<b>TIR+ ES20060</b> 5427 245 POR

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**AN**= Aluminium, natural anodized      **PR**= PVC white (RAL 9010)      **POV**= Plastic other, white      **POBR**= Plastic other, brown      **SO**= Steel, other  
**AF**= Aluminium, foiled (page 7)      **PG**= PVC grey      **POR**= Plastic other, white RAL 9010      **POT**= Plastic other, transparent      ← = Left hand      → = Right hand  
**PC**= Powder coated (page 6)      **PB**= PVC brown      **POG**= Plastic other, grey      **PO**= Plastic other, colour undefined      ↑ = Up, riser      ↓ = Down, dropper

**Product Range, type TIR+ (cont.)**

						
Cable shelf	Fastener stud	Spacer	Clamp	Mounting bracket	Jointing piece	Collar
	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG		<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA40</b> 5424 155 PO	
<b>TIR-MV40</b> 5424 015 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL60</b> 5423 425 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA40</b> 5424 155 PO	<b>TIR-K6040</b> 5424 100 POV
<b>TIR-MV40</b> 5424 015 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL80</b> 5423 435 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA40</b> 5424 155 PO	
<b>TIR-MV40</b> 5424 015 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL100</b> 5423 445 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA40</b> 5424 155 PO	
<b>TIR-MV40</b> 5424 015 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL120</b> 5423 455 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA40</b> 5424 155 PO	
<b>TIR-MV60</b> 5424 025 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL80</b> 5423 435 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA60</b> 5424 165 PO	
<b>TIR-MV60</b> 5424 025 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL100</b> 5423 445 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA60</b> 5424 165 PO	
<b>TIR-MV60</b> 5424 025 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL120</b> 5423 455 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA60</b> 5424 165 PO	
<b>TIR-MV60</b> 5424 025 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL150</b> 5423 465 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA60</b> 5424 165 PO	
<b>TIR-MV60</b> 5424 025 PR	<b>TIR-KP1</b> 5424 100 POR	<b>TIR-D7,5</b> 5424 110 POG	<b>TIR-KL200</b> 5423 475 PO	<b>TIR-MTA140</b> 5424 200 PO <b>TIR-MTA230</b> 5424 210 PO <b>TIR-MTA320</b> 5424 220 PO	<b>TIR-GTA60</b> 5424 165 PO	

AL= Aluminium, untreated  
AN= Aluminium, natural anodized  
AF= Aluminium, foiled (page 7)  
PC= Powder coated (page 6)

PV= PVC white (RAL 9016)  
PR= PVC white (RAL 9010)  
PG= PVC grey  
PB= PVC brown

PCLG= Powder coated, light grey metallic  
POV= Plastic other, white  
POR= Plastic other, white RAL 9010  
POG= Plastic other, grey

POBL= Plastic other, black  
POBR= Plastic other, brown  
POT= Plastic other, transparent  
PO= Plastic other, colour undefined

GS= Galvanized Steel  
SO= Steel, other  
← = Left hand → = Right hand  
↑ = Up, riser ↓ = Down, dropper