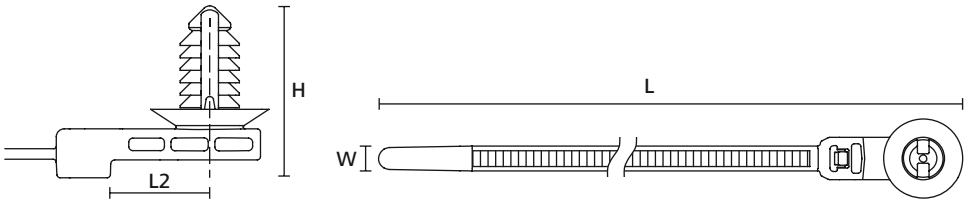
1-Piece Fixing Ties with Fir Tree and Disc, with Stand-off, for Round Holes

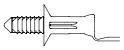
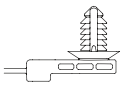
With Offset 12.5 and 25.0 mm

T50ROSFT6S25SO and T50ROSFT612.5SO.

Features and benefits

- Bundling and fixing solution
- Ideal combination of materials and design
- Different positions of the fixing anchor are available to fit installation space
- 1-piece fixing tie with defined offset 12.5 and 25.0 mm

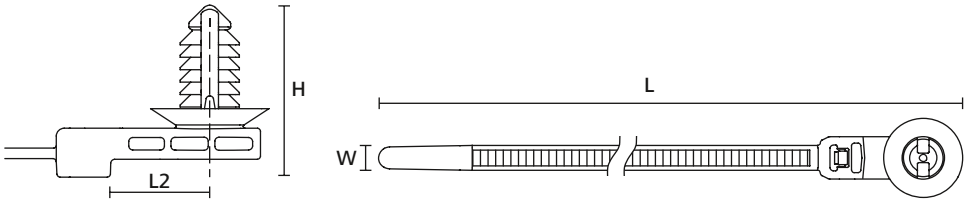


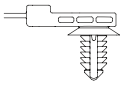
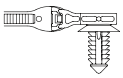
PART DESCRIPTION	Drawing	Hole Ø (FH)	Panel Thickness	Width (W)	Length (L)	Length (L2)	Bundle Ø max.	N
T50ROSFT612.5SO-PA66HIRHS-BK		6.1 - 6.9	0.6 - 6.0	5.1	234.2	12.5	50.0	222
T50ROSFT6S25SO-PA66HIRHS-BK		6.1 - 6.9	0.6 - 3.8	5.1	242.2	25.0	50.0	220
T50ROSFT625SO-PA66HIRHS-BK		6.1 - 6.9	0.6 - 6.0	5.1	247.2	25.0	50.0	222
T50ROSFT825SO-PA66HIRHS-BK		7.6 - 8.4	0.6 - 6.0	5.1	245.1	25.0	50.0	222
T50ROSFT812.5SO-PA66HIRHS-BK		7.6 - 8.4	0.6 - 6.5	5.1	222.9	12.5	50.0	222
T50ROSFT5SO25A-PA66HIRHS-GY		4.8 - 5.2	0.6 - 5.1	5.1	230.0	25.0	50.0	225
T50ROSFT6SO12.5A-PA66HIRHS-BK		6.1 - 6.9, 6.35 (hexagonal)	0.6 - 6.7	5.1	215.5	12.5	50.0	222
T50ROSFT6SO25A-PA66HIRHS-BK		6.1 - 6.9, 6.35 (hexagonal)	0.6 - 6.7	5.1	230.0	25.0	50.0	222
T50ROSFT6SO25A-PA46-BN		6.1 - 7.0, 6.35 (hexagonal)	0.6 - 6.7	5.1	230.0	25.0	50.0	222
T50ROSFT8SO25A-PA46-BN		7.6 - 8.4	0.6 - 6.7	5.1	230.0	25.0	50.0	222
T50ROSFT8SO25A-PA66HIRHS-GY		7.6 - 8.4	0.6 - 6.7	5.1	230.0	25.0	50.0	222
T50ROSFTM6SO12.5A-PA46-BN		M6	0.6 - 5.5	4.7	215.5	12.5	50.0	225
T50ROSFTM6SO12.5A-PA66HIRHS-GY		M6	0.6 - 5.5	4.7	215.5	12.5	50.0	222

All dimensions in mm. Subject to technical changes.

1-Piece Fixing Ties with Fir Tree and Disc, with Stand-off, for Round Holes

With Offset 12.5 and 25.0 mm



PART DESCRIPTION	Drawing	Hole Ø (FH)	Panel Thickness	Width (W)	Length (L)	Length (L2)	Bundle Ø max.	N
T50ROSFT6SO12.5B-PA66HIRHS-BK		6.1 - 6.9, 6.35 (hexagonal)	0.6 - 6.7	4.7	215.5	12.5	50.0	225
T50ROSFT6SO12.5B-PA46-BN		6.1 - 7.0, 6.1 - 6.6 (hexagonal)	0.6 - 6.7	4.7	215.5	12.5	50.0	225
T50ROSFT6SO25B-PA46-BN		6.1 - 7.0, 6.1 - 6.6 (hexagonal)	0.6 - 6.7	5.1	230.0	25.0	50.0	225
T50ROSFT6SO25B-PA66HIRHS-BK		6.1 - 7.0, 6.1 - 6.6 (hexagonal)	0.6 - 6.7	5.1	230.0	25.0	50.0	225
T50ROSFT8SO25B-PA66HIRHS-BK		7.6 - 8.4	0.6 - 5.0	4.6	230.0	25.0	50.0	225
T50ROSFTM6SO12.5B-PA66HIRHS-BK		M6	0.5 - 6.7	4.6	215.5	12.5	50.0	222
T50ROSFT6SO12.5R-PA66HIRHS-BK		6.1 - 7.0	0.6 - 8.3	5.1	223.1	12.5	50.0	222
T50ROSFT6SO25R-PA66HIRHS-BK		6.1 - 7.0	0.6 - 8.3	5.1	237.7	25.0	50.0	222
T50ROSFT8SO12.5R-PA66HIRHSUV-BK		7.6 - 8.4	0.6 - 8.8	5.1	223.0	12.5	50.0	225

All dimensions in mm. Subject to technical changes.

Date of issue: 07/2019

Material Specification Overview

MATERIAL	Material Shortcut	Operating Temperature	Colour*	Flammability
Aluminium alloy	AL	-40 °C to +180 °C	Natural (NA)	
Chloroprene Rubber	CR	-20 °C to +80 °C	Black (BK)	
Ethylene Tetrafluoroethylene (Tefzel®)	E/TFE	-80 °C to +170 °C	Blue (BU)	UL 94 V0
Polyacetal	POM	-40 °C to +90 °C, (+110 °C, 500 h)	Natural (NA)	UL 94 HB
Polyamide 11	PA11	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 11, UV-resistant	PA11W	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 12	PA12	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 4.6	PA46	-40 °C to +130 °C, (+150 °C, 5000 h; +195 °C, 500 h)	Natural (NA), Grey (GY)	UL 94 V2
Polyamide 6	PA6	-40 °C to +80 °C	Black (BK)	UL 94 V2
Polyamide 6, glass-fibre reinforced	PA6GF30	-40 °C to +100 °C	Black (BK)	UL 94 HB
Polyamide 6, high impact modified	PA6HIR	-40 °C to +80 °C	Black (BK)	UL 94 HB
Polyamide 6, high impact modified, heat stabilised	PA6HIRHS	-80 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6	PA66	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, glass-fibre reinforced	PA66GF13	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, glass-fibre reinforced	PA66GF15	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, heat and UV stabilised	PA66HSUV	-40 °C to +105 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, heat and UV stabilised	PA66HSW	-40 °C to +105 °C	Black (BK)	UL 94 V2
Polyamide 6.6, heat stabilised	PA66HS	-40 °C to +105 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, high impact modified	PA66HIR	-40 °C to +80 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised	PA66HIRHSUV	-40 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised (only for cable ties for Autotool System 3080)	PA66HIRHSUV	-40 °C to +95 °C, (+105 °C, 5000 h; +145 °C, 500 h)	Black (BK), Natural (NA)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised	PA66HIRHSW	-40 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat stabilised	PA66HIRHS	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, scan black	PA66HIR(S)	-40 °C to +80 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB

Tefzel® is a registered trademark of DuPont. General linguistic usage for cable ties made from raw material E/TFE is Tefzel®-Tie. In additon to Tefzel® from DuPont HellermannTyton also uses equivalent E/TFE raw material from other suppliers.

*Further colours available on request.

N = **Minimum Loop Tensile Strength for Cable Ties (Newton)**

Date of issue: 07/2019

MATERIAL	Material Shortcut	Operating Temperature	Colour*	Flammability
Polyamide 6.6, UV resistant	PA66W	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 V2
Polyamide 6.6, UV-stabilised	PA66UV	-40 °C to +85 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, with metal particles	PA66MP	-40 °C to +85 °C, (+105 °C, 500 h)	Blue (BU)	UL 94 HB
Polyamide 6.6, with metal particles	PA66MP+	-40 °C to +85 °C	Blue (BU)	not flame retardant
Polyamide 6.6 V0	PA66V0	-40 °C to +85 °C	White (WH)	UL 94 V0
Polyaryletherketone	PAEK	-55 °C to +200 °C	Beige (BGE)	UL 94 V0
Polyester	SP	-50 °C to +150 °C	Black (BK)	
Polyetheretherketone	PEEK	-55 °C to +240 °C	Beige (BGE)	UL 94 V0
Polyethylene	PE	-40 °C to +50 °C	Black (BK), Grey (GY)	UL 94 HB
Polyolefin	PO	-40 °C to +90 °C	Black (BK)	UL 94 V0
Polyphenylene Sulfide	PPS	-40 °C to +150 °C	Black (BK), Grey (GY)	UL 94 V0
Polypropylene, Ethylene Propylene Diene Terpolymer rubber free of Nitrosamine	PP, EPDM	-20 °C to +95 °C	Black (BK)	UL 94 HB
Polypropylene 20% Talkum	PPT20	-40 °C to +65 °C	Black (BK)	UL 94 HB
Polypropylene with metal particles	PPMP	-40 °C to +115 °C	Blue (BU)	UL 94 HB
Polypropylene with metal particles	PPMP+	-40 °C to +85 °C	Blue (BU)	not flame retardant
Polyvinylidene Fluoride	PVDFX	-50 °C to +150 °C	Natural (NA)	UL 94 V0
Polyvinylchloride	PVC	-10 °C to +70 °C	Black (BK), Natural (NA)	UL 94 V0
Stainless Steel	SS304, SS316	-80 °C to +538 °C	Natural (NA)	non-burning
Thermoplastic Polyurethane	TPU	-40 °C to +85 °C	Black (BK)	UL 94 HB

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Tip: Material shortcut is part of our Part Description name

Product series name (indicating tie type, clip and harness routing variant)

Material code

Colour code (details on page 326)

T50ROSEC5A-PA66HS/PA66HIRHS-BK

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