



Cable ties

Cable ties, TK

Cable ties, TK	19
Cable ties, TK ... BK	20
Cable ties, TKUV	21
Cable ties, TKO	22
Cable ties, TKZ type	23
Cable ties, TKZD type	24
Cable ties, TKD type	25
Marker ties, TKTO,TKOT and TKTOW	26
Cable ties, TKS type	27

Steel cable ties, TS

Ties, TSB type	28
Tapes with polyester coating, TSBE type	30
Ties, TST type	32
Steel tape shield, OP-TS type	33

FEATURES & BENEFITS



popular cable ties for wide range of cable bundle diameters



for indoor use

MECHANICAL DATA

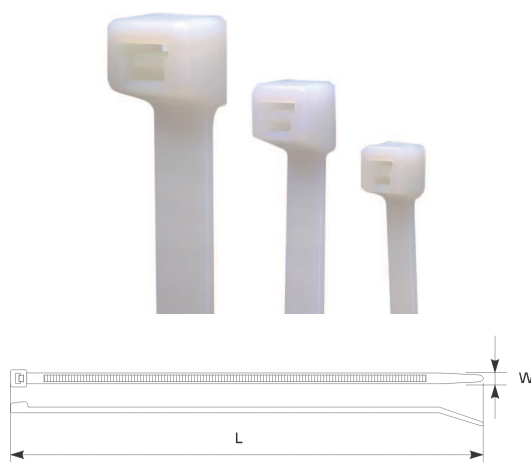
Material	polyamide 6.6
Halogen-free	yes
Colour	natural (bright)
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60

CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
Standards	EN 62275

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Tool type	L	W	Quantity in package [pcs]
TK 6/3	8	14,0	MK III A, MK III PR	80	2,5	100
TK 9/3	8	20,5	MK III A, MK III PR	100	2,5	100
TK 12/3	8	27,0	MK III A, MK III PR	120	2,5	100
TK 16/3	8	39,8	MK III A, MK III PR	160	2,5	100
TK 20/3	8	52,5	MK III A, MK III PR	200	2,5	100
TK 14/3,6	18	33,0	MK III A, MK III B, MK III C, MK III PR	140	3,6	100
TK 20/3,6	18	46,0	MK III A, MK III B, MK III C, MK III PR	200	3,6	100
TK 25/3,6	18	68,0	MK III A, MK III B, MK III C, MK III PR	250	3,6	100
TK 30/3,6	18	84,0	MK III A, MK III B, MK III C, MK III PR	300	3,6	100
TK 40/3,6	18	106,0	MK III A, MK III B, MK III C, MK III PR	370	3,6	100
TK 12/5	22	23,8	MK III A, MK III B, MK III C, MK III PR	120	4,6	100
TK 16/5	22	36,6	MK III A, MK III B, MK III C, MK III PR	160	4,6	100
TK 18/5	22	43,0	MK III A, MK III B, MK III C, MK III PR	180	4,6	100
TK 20/5	22	49,5	MK III A, MK III B, MK III C, MK III PR	200	4,8	100
TK 25/5	22	65,0	MK III A, MK III B, MK III C, MK III PR	250	4,8	100
TK 30/5	22	81,0	MK III A, MK III B, MK III C, MK III PR	300	4,8	100
TK 40/5	22	103,5	MK III A, MK III B, MK III C, MK III PR	370	4,8	100
TK 43/5	22	122,5	MK III A, MK III B, MK III C, MK III PR	430	4,8	100
TK 20/8	54	50,9	MK III B, MK III C	200	7,6	100
TK 30/8	54	82,8	MK III B, MK III C	300	7,6	100
TK 40/8	54	103,5	MK III B, MK III C	365	7,6	100
TK 45/8	54	130,5	MK III B, MK III C	450	7,6	100
TK 50/8	54	162,5	MK III B, MK III C	550	7,6	100
TK 70/8	54	226,0	MK III B, MK III C	750	7,6	100
TK 60/9	77	181,5	MK III B, MK III C	610	8,8	100
TK 70/9	77	195,0	MK III B, MK III C	710	8,8	100
TK 80/9	77	229,5	MK III B, MK III C	760	8,8	100
TK 110/9	77	340,0	MK III B, MK III C	1168	8,8	100
TK 20/13	110	57,0	MK III C	230	12,4	50
TK 50/13	110	140,0	MK III C	480	12,6	50
TK 70/13	110	216,0	MK III C	730	12,4	50
TK 100/13	110	315,0	MK III C	1000	12,4	50

FEATURES & BENEFITS



cable ties for applications with recommended black colour of components



for indoor used, with enhanced UV-resistance in relation to TK ties

MECHANICAL DATA

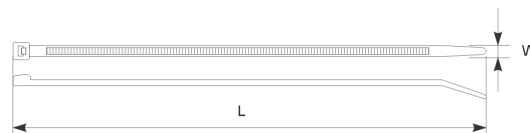
Material	polyamide 6.6
Halogen-free	yes
Colour	black
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60

CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
Standards	EN 62275

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Tool type	L	W	Quantity in package [pcs]
TK 6/3 BK	8	14,0	MK III A, MK III PR	80	2,5	100
TK 9/3 BK	8	20,5	MK III A, MK III PR	100	2,5	100
TK 12/3 BK	8	27,0	MK III A, MK III PR	120	2,5	100
TK 16/3 BK	8	39,8	MK III A, MK III PR	160	2,5	100
TK 20/3 BK	8	52,5	MK III A, MK III PR	200	2,5	100
TK 14/3,6 BK	18	33,0	MK III A, MK III B, MK III C, MK III PR	140	3,6	100
TK 20/3,6 BK	18	46,0	MK III A, MK III B, MK III C, MK III PR	200	3,6	100
TK 25/3,6 BK	18	68,0	MK III A, MK III B, MK III C, MK III PR	250	3,6	100
TK 30/3,6 BK	18	84,0	MK III A, MK III B, MK III C, MK III PR	300	3,6	100
TK 40/3,6 BK	18	106,0	MK III A, MK III B, MK III C, MK III PR	370	3,6	100
TK 12/5 BK	22	23,8	MK III A, MK III B, MK III C, MK III PR	120	4,6	100
TK 16/5 BK	22	36,6	MK III A, MK III B, MK III C, MK III PR	160	4,6	100
TK 18/5 BK	22	43,0	MK III A, MK III B, MK III C, MK III PR	180	4,6	100
TK 20/5 BK	22	49,5	MK III A, MK III B, MK III C, MK III PR	200	4,8	100
TK 25/5 BK	22	65,0	MK III A, MK III B, MK III C, MK III PR	250	4,8	100
TK 30/5 BK	22	81,0	MK III A, MK III B, MK III C, MK III PR	300	4,8	100
TK 40/5 BK	22	103,5	MK III A, MK III B, MK III C, MK III PR	370	4,8	100
TK 43/5 BK	22	122,5	MK III A, MK III B, MK III C, MK III PR	430	4,8	100
TK 20/8 BK	54	50,9	MK III B, MK III C	200	7,6	100
TK 30/8 BK	54	82,8	MK III B, MK III C	300	7,6	100
TK 40/8 BK	54	103,5	MK III B, MK III C	365	7,6	100
TK 45/8 BK	54	130,5	MK III B, MK III C	450	7,6	100
TK 50/8 BK	54	162,5	MK III B, MK III C	550	7,6	100
TK 70/8 BK	54	226,0	MK III B, MK III C	750	7,6	100
TK 60/9 BK	77	181,5	MK III B, MK III C	610	8,8	100
TK 70/9 BK	77	195,0	MK III B, MK III C	710	8,8	100
TK 80/9 BK	77	229,5	MK III B, MK III C	760	8,8	100
TK 110/9 BK	77	340,0	MK III B, MK III C	1168	8,8	100
TK 20/13 BK	110	57,0	MK III C	230	12,4	50
TK 50/13 BK	110	136,0	MK III C	480	12,4	50
TK 70/13 BK	110	200,0	MK III C	730	12,6	50
TK 100/13 BK	110	315,0	MK III C	1000	12,4	50

FEATURES & BENEFITS



popular cable ties for wide range of cable bundle diameters



for outdoor use; high UV-resistance

MECHANICAL DATA

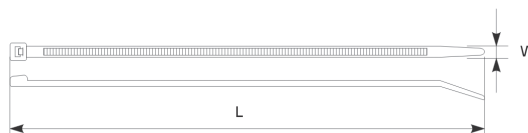
Material	polyamide 6.6
Halogen-free	yes
Colour	black
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60

CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
Standards	EN 62275

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Tool type	L	W	Quantity in package [pcs]
TKUV 6/3	8	14,0	MK III A, MK III PR	80	2,5	100
TKUV 9/3	8	20,5	MK III A, MK III PR	100	2,5	100
TKUV 12/3	8	27,0	MK III A, MK III PR	120	2,5	100
TKUV 16/3	8	39,8	MK III A, MK III PR	160	2,5	100
TKUV 20/3	8	52,5	MK III A, MK III PR	200	2,5	100
TKUV 14/3,6	18	33,0	MK III A, MK III B, MK III C, MK III PR	140	3,6	100
TKUV 20/3,6	18	46,0	MK III A, MK III B, MK III C, MK III PR	200	3,6	100
TKUV 30/3,6	18	84,0	MK III A, MK III B, MK III C, MK III PR	300	3,6	100
TKUV 40/3,6	18	106,0	MK III A, MK III B, MK III C, MK III PR	370	3,6	100
TKUV 12/5	22	23,8	MK III A, MK III B, MK III C, MK III PR	120	4,6	100
TKUV 16/5	22	36,6	MK III A, MK III B, MK III C, MK III PR	160	4,6	100
TKUV 20/5	22	49,5	MK III A, MK III B, MK III C, MK III PR	200	4,8	100
TKUV 30/5	22	74,8	MK III A, MK III B, MK III C, MK III PR	280	4,8	100
TKUV 40/5	22	103,5	MK III A, MK III B, MK III C, MK III PR	370	4,8	100
TKUV 43/5	22	122,5	MK III A, MK III B, MK III C, MK III PR	430	4,8	100
TKUV 20/8	54	50,9	MK III B, MK III C	200	7,6	100
TKUV 30/8	54	82,8	MK III B, MK III C	300	7,6	100
TKUV 40/8	54	103,5	MK III B, MK III C	370	7,6	100
TKUV 45/8	54	130,5	MK III B, MK III C	450	7,6	100
TKUV 50/8	54	162,5	MK III B, MK III C	550	7,6	100
TKUV 70/8	54	226,0	MK III B, MK III C	750	7,6	100
TKUV 60/9	77	181,5	MK III B, MK III C	610	8,8	100
TKUV 70/9	77	195,0	MK III B, MK III C	710	8,8	100
TKUV 80/9	77	229,5	MK III B, MK III C	760	8,8	100
TKUV 110/9	77	340,0	MK III B, MK III C	1168	8,8	100
TKUV 20/13	110	57,0	MK III C	230	12,4	50
TKUV 50/13	110	136,0	MK III C	480	12,4	50
TKUV 70/13	110	216,0	MK III C	730	12,4	50
TKUV 100/13	110	315,0	MK III C	1000	12,4	50

FEATURES & BENEFITS

- ☒ reliable fastening of bundle to enclosure, e.g. with screw
- ☒ vibration-resistant fastening
- ☒ for indoor use

LOGISTIC DATA

Quantity in package [pcs]	100
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MECHANICAL DATA

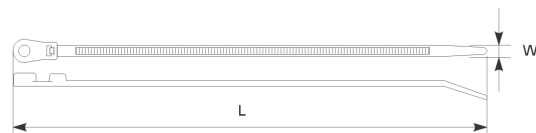
Material	polyamide 6.6
Halogen-free	yes
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60

CERTIFICATES & STANDARDS

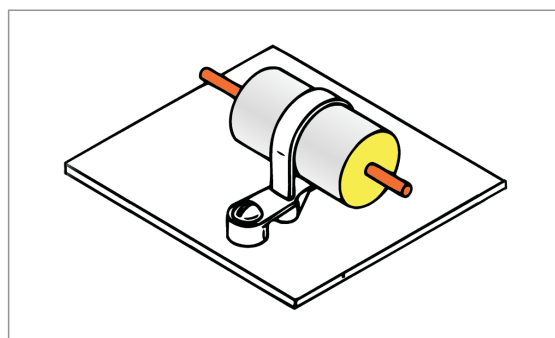
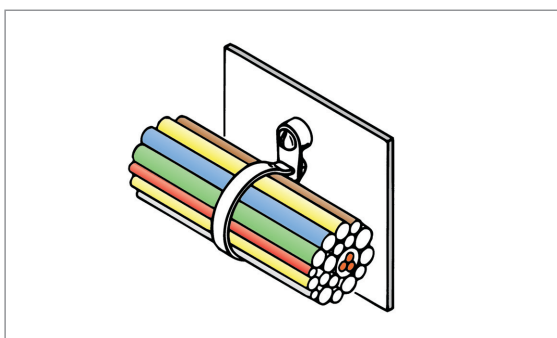
Flammability class	UL 94 V2
Standards	EN 62275

NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Colour	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Fastening screw	Tool type	L	W
TKO 9/3	natural (bright)	8	19	M3	MK III A, MK III PR	110	2,5
TKO 14/3,6	natural (bright)	18	32	M4	MK III A, MK III B, MK III C, MK III PR	150	3,6
TKO 16/5	natural (bright)	22	36,8	M5		160	4,6
TKO 20/5	natural (bright)	22	50	M5	MK III A, MK III B, MK III C, MK III PR	200	4,8
TKO 30/5	natural (bright)	22	82,8	M5	MK III A, MK III B, MK III C, MK III PR	300	4,6
TKO 40/5	natural (bright)	22	102	M5	MK III A, MK III B, MK III C, MK III PR	370	4,8
TKO 20/8	natural (bright)	54	50	M6	MK III B, MK III C	200	7,8
TKO 40/8	natural (bright)	54	109,2	M6	MK III B, MK III C	400	7,6
TKO 20/5 BK	black	22	49,8	M5	MK III A, MK III B, MK III C, MK III PR	200	4,6
TKO 40/8 BK	black	54	109,2	M6	MK III B, MK III C	400	7,6



Cable ties, TKZ type

FEATURES & BENEFITS



cable ties facilitating fastening to enclosures



for indoor use

LOGISTIC DATA

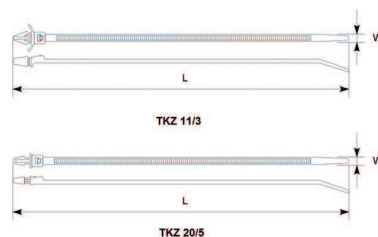
Quantity in package [pcs]	100
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MECHANICAL DATA

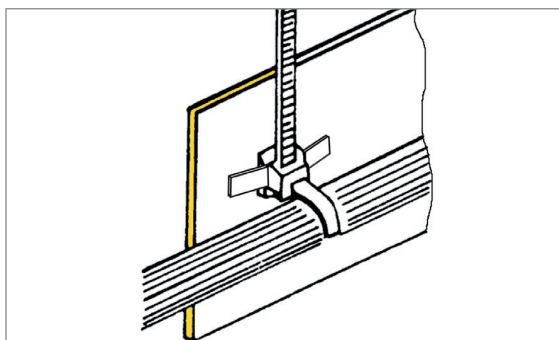
Material	polyamide 6.6
Halogen-free	yes
Colour	natural (bright)
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60
Metal plate thickness [mm]	2,5

CERTIFICATES & STANDARDS

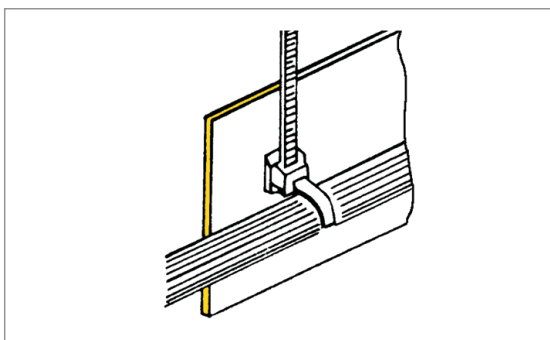
Flammability class	UL 94 V2
Standards	EN 62275



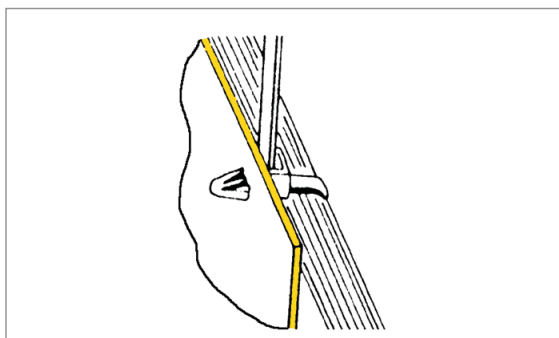
Type	Tensile strength, min. [daN]	Hole dia. [mm]	Max. bundle dia. [mm]	Tool type	L	W
TKZ 11/3	8	4,5	18	MK III A, MK III PR	110	2,5
TKZ 20/5	22	6,3	50	MK III A, MK III B, MK III C, MK III PR	200	4,6



TKZ 11/3



TKZ 20/5



FEATURES & BENEFITS

- ☒ cable ties facilitating fastening to enclosures and easy loosening
- ☒ for indoor use

LOGISTIC DATA

Type	TKZD 20/5 (100 PCS)
Quantity in package [pcs]	100

MECHANICAL DATA

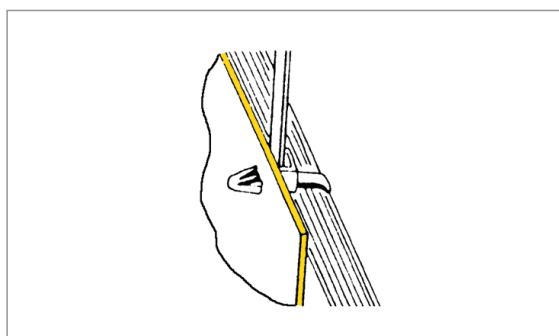
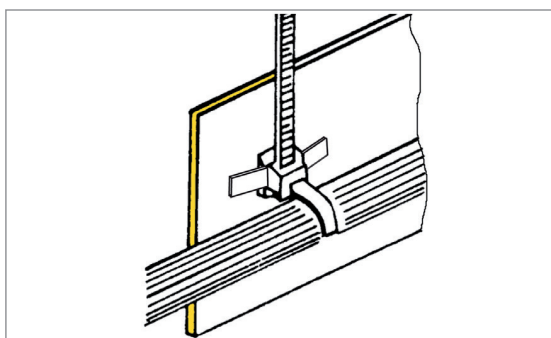
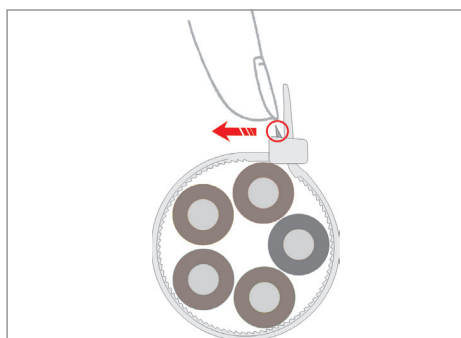
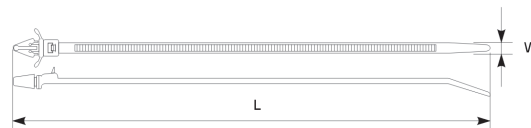
Material	polyamide 6.6
Halogen-free	yes
Colour	natural (bright)
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60
Tensile strength, min. [daN]	20
Hole dia. [mm]	6,3
Max. bundle dia. [mm]	48
Metal plate thickness [mm]	2,5

DIMENSIONS

L	210
W	4,8

CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
Standards	EN 62275



Cable ties, TKD type

FEATURES & BENEFITS



cable ties with easy cable bundle unfastening mechanism



for indoor use

LOGISTIC DATA

Quantity in package [pcs] 100

MECHANICAL DATA

Material polyamide 6.6

Halogen-free yes

Colour natural (bright)

Operating temperature [°C] -40 ÷ +85

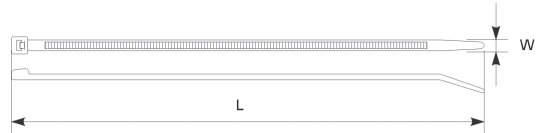
Short-term temperature [°C] +110

Assembly temperature [°C] 0 ÷ +60

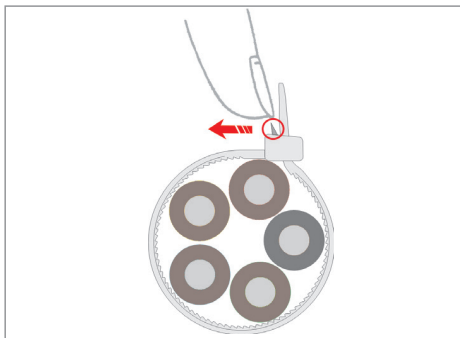
CERTIFICATES & STANDARDS

Flammability class UL 94 V2

Standards EN 62275



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Tool type	L	W
TKD 10/3,6	18	22,6		100	3,6
TKD 20/5	22	54,8		200	4,8
TKD 30/5	22	88,1		300	4,8
TKD 20/8	32	55,6	MK III B, MK III C	200	7,6
TKD 30/8	32	82,0	MK III B, MK III C	300	7,6
TKD 40/8	22	104,3		370	7,6



Marker ties, TKTO, TKOT and TKTOW type

FEATURES & BENEFITS



cable ties with cable or bundle description plate



for indoor use

LOGISTIC DATA

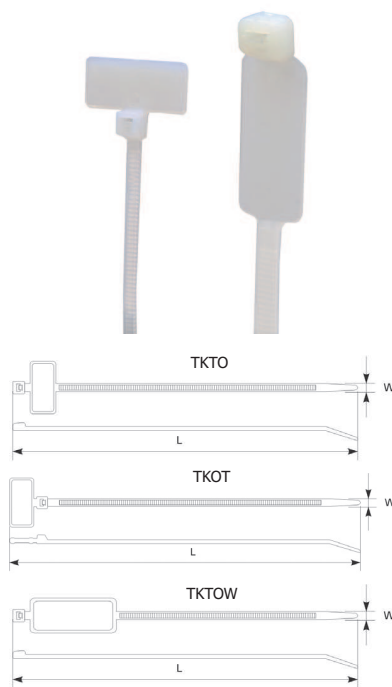
Quantity in package [pcs] 100

MECHANICAL DATA

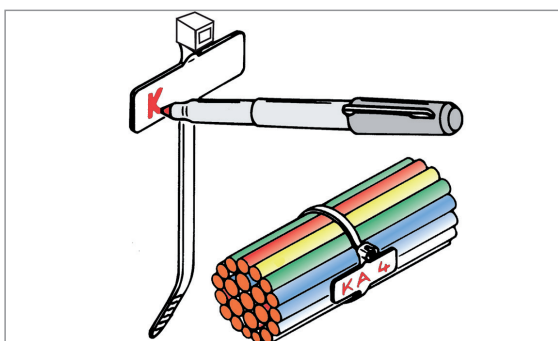
Material	polyamide 6.6
Halogen-free	yes
Colour	natural (bright)
Operating temperature [°C]	-40 ÷ +85
Short-term temperature [°C]	+110
Assembly temperature [°C]	0 ÷ +60
Tool type	MK III A, MK III PR

CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
Standards	EN 62275



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W	Plate
TKTO 11/3	8	22	100	2,5	25x8
TKTO 20/3	8	50	200	2,5	25x8
TKOT 11/3	8	18	110	2,5	25x8
TKOT 20/3	8	50	210	2,5	21x9
TKTOW 20/5	22	50	190	4,6	25x12



Cable ties, TKS type

FEATURES & BENEFITS



cable ties for high temperature applications



for indoor use

LOGISTIC DATA

Quantity in package [pcs]	100
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MECHANICAL DATA

Material	polyamide 6.6
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Halogen-free	yes
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Colour	light green
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Operating temperature [°C]	-40 ÷ +105
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Assembly temperature [°C]	0 ÷ +60
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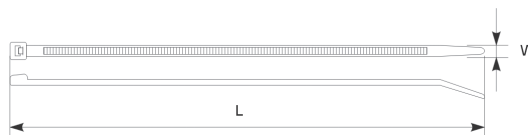
CERTIFICATES & STANDARDS

Flammability class	UL 94 V2
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Standards	EN 62275
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NOTE!

UL certificate - for up-to-date information, visit www.ergom.com



Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	Tool type	L	W
TKS 9/3	8	20	MK III A, MK III PR	98	2,5
TKS 14/3,6	18	33	MK III A, MK III B, MK III C, MK III PR	140	3,6
TKS 20/3,6	18	50	MK III A, MK III B, MK III C, MK III PR	200	3,6
TKS 20/5	22	50	MK III A, MK III B, MK III C, MK III PR	200	4,8
TKS 30/5	22	76	MK III A, MK III B, MK III C, MK III PR	292	4,8

FEATURES & BENEFITS

- ☒ popular steel cable ties with "balls" for wide range of cable bundle diameters
- ☒ for difficult climatic or environmental conditions
- ☒ OP-TS shields can be used to protect cable bundle insulation

LOGISTIC DATA

Quantity in package [pcs]	100
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MECHANICAL DATA

Halogen-free	yes
Operating temperature [°C]	-80 ÷ +540
Tool type	MK-SD2, MK-SE

DIMENSIONS

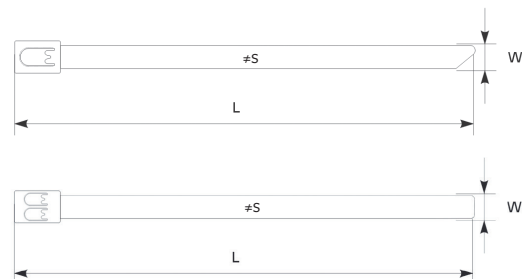
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CERTIFICATES & STANDARDS

Standards	EN 62275
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NOTE!

TSB ties can be used together with OP-TS cover made of PVC.



Type	Material	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W
TSB 15/5	stainless steel 316 type according to AISI/ASTM	45	25	152	4,6
TSB 20/5			50	200	
TSB 30/5			80	290	
TSB 40/5			102	360	
TSB 50/5			152	520	
TSB 70/5			203	680	
TSB 80/5			254	840	
TSB 100/5			318	1000	
TSB 15/8		113	25	152	7,9
TSB 20/8			50	200	
TSB 30/8			80	290	
TSB 40/8			102	360	
TSB 50/8			152	520	
TSB 70/8			203	680	
TSB 80/8			254	840	
TSB 100/8			318	1000	
TSB 30/12		200	80	290	12
TSB 40/12			102	360	
TSB 50/12			152	520	
TSB 70/12			203	680	
TSB 80/12			254	840	

Type	Material	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W
TSB 15/5-304	stainless steel 304 type according to AISI/ASTM	45	25	152	4,6
TSB 20/5-304			50	200	
TSB 30/5-304			80	290	
TSB 40/5-304			102	360	
TSB 50/5-304			152	520	
TSB 70/5-304			203	680	
TSB 80/5-304			254	840	
TSB 100/5-304			318	1000	
TSB 15/8-304		113	25	152	7,9
TSB 20/8-304			50	200	
TSB 30/8-304			80	290	
TSB 40/8-304			102	360	
TSB 50/8-304			152	520	
TSB 70/8-304			203	680	
TSB 80/8-304			254	840	
TSB 100/8-304			318	1000	
TSB 30/12-304		200	80	290	12
TSB 40/12-304			102	360	
TSB 50/12-304			152	520	
TSB 70/12-304			203	680	
TSB 80/12-304			254	840	

Tapes with polyester coating, TSBE type

FEATURES & BENEFITS

-  polyester-coated steel cable ties with "balls" for wide range of wire harness diameters
-  for difficult climatic or environmental conditions, e.g. maritime
-  OP-TS shields can be used to protect cable bundle insulation

LOGISTIC DATA

Quantity in package [pcs]	100
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MECHANICAL DATA

Halogen-free	yes
Operating temperature [°C]	-40 ÷ +150
Colour	black
Tool type	MK-SD2, MK-SE

DIMENSIONS

S	0,4
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CERTIFICATES & STANDARDS

Standards	EN 62275
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NOTE!

TSB ties can be used together with OP-TS cover made of PVC.



CE

Type	Material	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W
TSBE 15/5	acid-resistant steel 316 as per AISI/ASTM + polyester coating	45	25	152	4,6
TSBE 20/5			50	200	
TSBE 30/5			80	290	
TSBE 40/5			102	360	
TSBE 50/5			152	520	
TSBE 70/5			203	680	
TSBE 80/5			254	840	
TSBE 20/8		113	50	200	7,9
TSBE 30/8			80	290	
TSBE 40/8			102	360	
TSBE 50/8			152	520	
TSBE 70/8			203	680	
TSBE 80/8			254	840	
TSBE 30/12		200	80	290	12
TSBE 40/12			102	360	
TSBE 50/12			152	520	
TSBE 70/12			203	680	
TSBE 80/12			254	840	

Type	Material	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W
TSBE 15/5-304	corrosion-resistant steel 304 as per AISI/ASTM + polyester coating	45	25	152	4,6
TSBE 20/5-304			50	200	
TSBE 30/5-304			80	290	
TSBE 40/5-304			102	360	
TSBE 50/5-304			152	520	
TSBE 70/5-304			203	680	
TSBE 80/5-304			254	840	
TSBE 20/8-304		113	50	200	7,9
TSBE 30/8-304			80	290	
TSBE 40/8-304			102	360	
TSBE 50/8-304			152	520	
TSBE 70/8-304			203	680	
TSBE 80/8-304			254	840	
TSBE 30/12-304		200	80	290	12
TSBE 40/12-304			102	360	
TSBE 50/12-304			152	520	
TSBE 70/12-304			203	680	
TSBE 80/12-304			254	840	

FEATURES & BENEFITS



popular steel cable ties with "ladders" for wide range of cable bundle diameters



for difficult climatic or environmental conditions

LOGISTIC DATA

Quantity in package [pcs]	100
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There is an elastic toothed latch in the buckle. After tightening of the tie, the teeth fall into the holes in the tie, so it is impossible to pull it back. The strip is perforated over the whole length so it is possible to tighten the bundles of various diameters. The solution is designed also for outdoor applications, possibly in marine conditions. Permissible operation in the mining and chemical industry.

MECHANICAL DATA

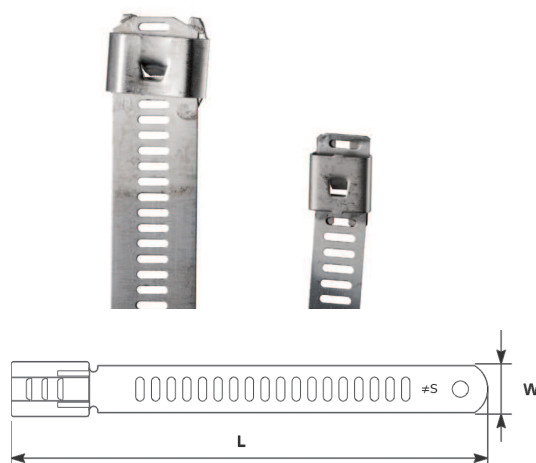
Material	acid-proof steel 316 type acc. to AISI/ASTM
Halogen-free	yes
Operating temperature [°C]	-80 ÷ +540
Tool type	MK-SB

DIMENSIONS

S	0,28
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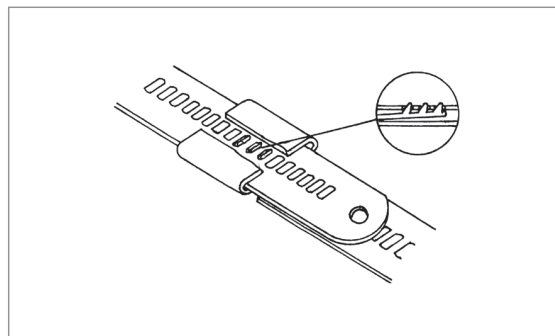
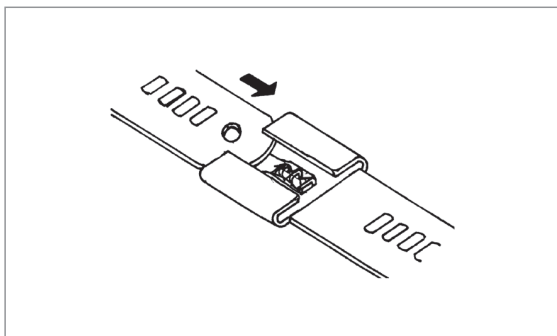
CERTIFICATES & STANDARDS

Standards	EN 62275
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CE

Type	Tensile strength, min. [daN]	Max. bundle dia. [mm]	L	W
TST 15/7	34	48	150	7,00
TST 22/7	34	71	225	7,00
TST 30/7	34	96	300	7,00
TST 45/7	34	144	450	7,00
TST 60/7	34	193	600	7,00
TST 15/12	45	48	150	12,00
TST 22/12	45	71	225	12,00
TST 30/12	45	96	300	12,00
TST 45/12	45	144	450	12,00
TST 60/12	45	193	600	12,00



Shield, OP-TS type

FEATURES & BENEFITS



TSB tie shield in rolls



protects bundled elements against damage caused by steel tape

LOGISTIC DATA

Quantity in package [m]	25
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APPLICATION

for inserting on the TSB cable ties to insulate the steel ties from a bound bundle or for ensuring flexibility of the tightening on non-deformable fixing elements .

MECHANICAL DATA

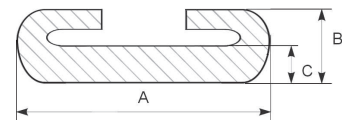
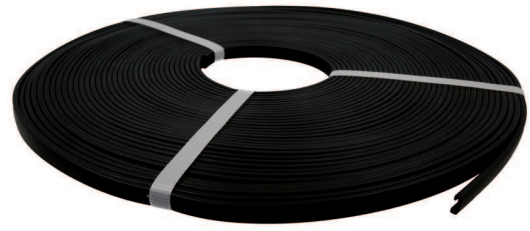
Material	PCV
Colour	black, other colours on request (minimum quantity 500 m)
Operating temperature [°C]	-45 ÷ +105

DIMENSIONS

Length [m]	25
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NOTE!

On request, we deliver the OP-TS shields for ties TSR in other widths
- minimum quantity delivered is 500 m.



Type	Application	A	B	C
OP-TS5	TSB .../5	8,4	3,2	1,6
OP-TS8	TSB .../8	12,0	4,0	2,0

