

T Series MIL Spec Ties

Features and Benefits

Available in a wide range of materials, these cable ties all feature internal serrations allowing for a positive hold onto cable, hose and pipe bundles. The design of the head guarantees a high tensile strength whilst allowing a very low insertion force, this, combined with the bent tail design of many of the ties, ensures a simple and quick installation. Whilst easily installed by hand, - manual and pneumatic (for high volume applications) tensioning tools are available to ensure a consistent and safe installation.

Application

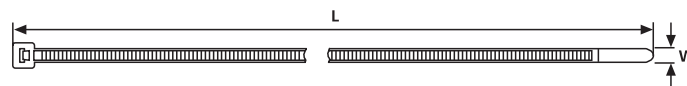
For the routing, bundling and securing of cables, pipes and hoses.



T Series for bundling and securing of cables for a wide range of applications, available in various colours and materials.

Application Tool	Registration Numbers
MK3SP	1
MK3PNSP2, MK7P	2
MK7	3
MK7HT	4
MK20	5
MK6	6
MK9P, MK6PN	7
MK9	8
MK9HT	9
MK21	10
Autotool 2000	11

For more information please turn to page 389.

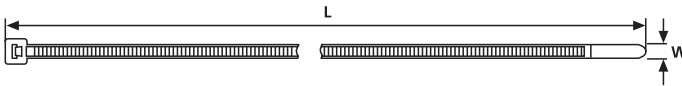


T18S – T150XL

Specifications please see table page 414 in Appendix.



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

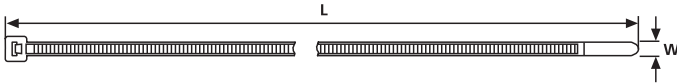
Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6 (PA66)									
111-02809	T18S	83	2.3	16	80	PA66	Natural (NA)	1–3, 5	1000
111-02811	T18S	83	2.3	16	80	PA66	Black (BK)	1–3, 5	1000
111-01874	T18R	100	2.5	22	80	PA66	Natural (NA)	1–3, 5	1000
111-01980	T18R	100	2.5	22	80	PA66	Black (BK)	1–3, 5	200
111-02320	T18I	140	2.5	35	80	PA66	Natural (NA)	1–3, 5	1000
111-02370	T18I	140	2.5	35	80	PA66	Black (BK)	1–3, 5	100
111-02029	T18L	205	2.5	55	80	PA66	Natural (NA)	1–3, 5	1000
111-02011	T18L	205	2.5	55	80	PA66	Black (BK)	1–3, 5	1000
111-02519	T25L	240	2.8	65	110	PA66	Natural (NA)	1–3, 5	100
111-02500	T25L	240	2.8	65	110	PA66	Black (BK)	1–3, 5	100
111-02619	T25LL	330	2.8	95	110	PA66	Natural (NA)	1–3, 5	100
111-02601	T25LL	330	2.8	95	110	PA66	Black (BK)	1–3, 5	100
111-03009	T30R	150	3.5	35	135	PA66	Natural (NA)	1–3, 5	500
111-03011	T30R	150	3.5	35	135	PA66	Black (BK)	1–3, 5	500
111-03419	T30L	190	3.5	50	135	PA66	Natural (NA)	1–3, 5	500
111-03410	T30L	190	3.5	50	135	PA66	Black (BK)	1–3, 5	500
111-03529	T30LL	290	3.5	80	135	PA66	Natural (NA)	1–3, 5	500
111-03500	T30LL	290	3.5	80	135	PA66	Black (BK)	1–3, 5	500
111-04300	T40L	365	4.0	105	180	PA66	Natural (NA)	1–5	100
111-04301	T40L	365	4.0	105	180	PA66	Black (BK)	1–5	100
111-03819	T40R	175	4.0	45	180	PA66	Natural (NA)	1–5	100
111-03801	T40R	175	4.0	45	180	PA66	Black (BK)	1–5	100
111-05802	T50S	150	4.6	35	225	PA66	Natural (NA)	1–10	500
111-05803	T50S	150	4.6	35	225	PA66	Black (BK)	1–10	500
111-05013	T50R	200	4.6	50	225	PA66	Natural (NA)	1–10	100
111-05000	T50R	200	4.6	50	225	PA66	Black (BK)	1–10	100
111-06201	T50M	245	4.6	65	225	PA66	Natural (NA)	1–10	100
111-06200	T50M	245	4.6	65	225	PA66	Black (BK)	1–10	100
111-05219	T50I	300	4.6	85	225	PA66	Natural (NA)	1–10	100
111-05210	T50I	300	4.6	85	225	PA66	Black (BK)	1–10	100
111-05409	T50L	390	4.6	110	225	PA66	Natural (NA)	1–10	100
111-05400	T50L	390	4.6	110	225	PA66	Black (BK)	1–10	100
111-00269	T50LL	445	4.6	130	225	PA66	Natural (NA)	1–10	100
111-00268	T50LL	445	4.6	130	225	PA66	Black (BK)	1–10	100
111-05019	T80R	210	4.7	55	355	PA66	Natural (NA)	1–10	100
111-08010	T80R	210	4.7	55	355	PA66	Black (BK)	1–10	100
111-08229	T80I	300	4.7	85	355	PA66	Natural (NA)	1–10	100
111-08210	T80I	300	4.7	85	355	PA66	Black (BK)	1–10	100
111-05419	T80L	390	4.7	110	355	PA66	Natural (NA)	1–10	100
111-05410	T80L	390	4.7	110	355	PA66	Black (BK)	1–10	100

All Dimensions in mm. Subject to technical changes.



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6 (PA66)									
111-12829	T120S	225	7.6	55	535	PA66	Natural (NA)	6–10	50
111-00179	T120S	225	7.6	55	535	PA66	Black (BK)	6–10	50
111-12219	T120I	300	7.6	80	535	PA66	Natural (NA)	6–10	100
111-12210	T120I	300	7.6	80	535	PA66	Black (BK)	6–10	100
111-12019	T120R(E)	390	7.6	105	535	PA66	Natural (NA)	6–10	100
111-12010	T120R(E)	390	7.6	105	535	PA66	Black (BK)	6–10	100
111-12619	T120M	460	7.6	130	535	PA66	Natural (NA)	6–10	100
111-12610	T120M	460	7.6	130	535	PA66	Black (BK)	6–10	100
111-12704	T120XM	600	7.6	175	535	PA66	Natural (NA)	6–10	50
111-12701	T120XM	600	7.6	175	535	PA66	Black (BK)	6–10	50
111-12429	T120L	760	7.6	225	535	PA66	Natural (NA)	6–10	50
111-12403	T120L	760	7.6	225	535	PA66	Black (BK)	6–10	50
111-15619	T150M	530	8.9	150	780	PA66	Natural (NA)	6–9	25
111-00124	T150M	530	8.9	150	780	PA66	Black (BK)	6–9	25
111-15419	T150L	820	8.9	245	780	PA66	Natural (NA)	6–9	25
111-15405	T150L	820	8.9	245	780	PA66	Black (BK)	6–9	25
111-15519	T150XL	1095	8.9	330	780	PA66	Natural (NA)	6–9	25
111-15500	T150XL	1095	8.9	330	780	PA66	Black (BK)	6–9	25
111-24705	T250S	225	12.5	55	1115	PA66	Natural (NA)	7-9	100
111-24704	T250S	225	12.5	55	1115	PA66	Black (BK)	7-9	100
111-25103	T250X	370	12.5	100	1115	PA66	Natural (NA)	7-9	100
111-25102	T250X	370	12.5	100	1115	PA66	Black (BK)	7-9	100
111-24600	T250L	880	12.5	254	1115	PA66	Natural (NA)	7-9	25
111-24601	T250L	880	12.5	254	1115	PA66	Black (BK)	7-9	25

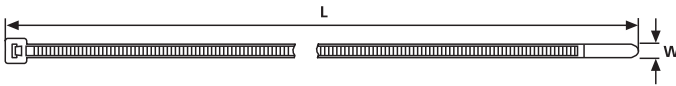
All Dimensions in mm. Subject to technical changes.

For more information on HellermannTyton tools,
please turn to chapter Application Tools page 389.

Specifications please see table
page 414 in Appendix.



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

Technical Table

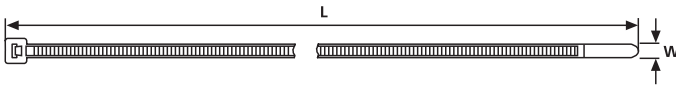
Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6. UV Stabilised									
111-02860	T18S	83	2.3	16	80	PA66W	Black (BK)	1-3, 5	1000
111-01960	T18R	100	2.5	22	80	PA66W	Black (BK)	1-3, 5	100
111-02260	T18I	140	2.5	35	80	PA66W	Black (BK)	1-3, 5	100
111-02012	T18L	205	2.5	55	80	PA66W	Black (BK)	1-3, 5	100
111-02560	T25L	240	2.8	65	110	PA66W	Black (BK)	1-3, 5	100
111-02660	T25LL	330	2.8	95	110	PA66W	Black (BK)	1-3, 5	100
111-03030	T30R	150	3.5	35	135	PA66W	Black (BK)	1-3, 5	100
111-03460	T30L	190	3.5	50	135	PA66W	Black (BK)	1-3, 5	100
111-03570	T30LL	290	3.5	80	135	PA66W	Black (BK)	1-3, 5	100
111-03860	T40R	175	4.0	45	180	PA66W	Black (BK)	1-5	100
111-05860	T50S	150	4.6	35	225	PA66W	Black (BK)	1-10	100
111-04889	T50R	200	4.6	50	225	PA66W	Black (BK)	1-10	100
111-06206	T50M	245	4.6	65	225	PA66W	Black (BK)	1-10	100
111-05260	T50I	300	4.6	85	225	PA66W	Black (BK)	1-10	100
111-05440	T50L	390	4.6	110	225	PA66W	Black (BK)	1-10	100
111-06000	T50LL	445	4.6	130	225	PA66W	Black (BK)	1-10	100
111-05060	T80R	210	4.7	55	355	PA66W	Black (BK)	1-10	100
111-05460	T80L	390	4.7	110	355	PA66W	Black (BK)	1-10	100
111-12830	T120S	225	7.6	55	535	PA66W	Black (BK)	6-10	50
111-12230	T120I	300	7.6	80	535	PA66W	Black (BK)	6-10	100
111-12060	T120R(E)	390	7.6	105	535	PA66W	Black (BK)	6-10	100
111-12660	T120M	460	7.6	130	535	PA66W	Black (BK)	6-10	100
111-00171	T120XM	600	7.6	175	535	PA66W	Black (BK)	6-10	100
111-12430	T120L	760	7.6	225	535	PA66W	Black (BK)	6-10	50
111-15660	T150M	530	8.9	150	780	PA66W	Black (BK)	6-9	25
111-15460	T150L	820	8.8	245	780	PA66W	Black (BK)	6-9	25
111-15502	T150XL	1095	8.9	330	780	PA66W	Black (BK)	6-9	25
111-25100	T250X	370	12.5	100	1115	PA66W	Black (BK)	7-9	25

All Dimensions in mm. Subject to technical changes.

Specifications please see table page 414 in Appendix.



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

Technical Table

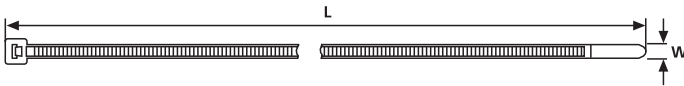
Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6. Heat Stabilised									
111-01908	T18R	100	2.5	22	80	PA66HS	Natural (NA)	1–3, 5	200
111-01803	T18R	100	2.5	22	80	PA66HS	Black (BK)	1–3, 5	200
111-02306	T18I	140	2.5	35	80	PA66HS	Natural (NA)	1–3, 5	100
111-02358	T18I	140	2.5	35	80	PA66HS	Black (BK)	1–3, 5	100
111-02059	T18L	205	2.5	55	80	PA66HS	Natural (NA)	1–3, 5	100
111-02005	T18L	205	2.5	55	80	PA66HS	Black (BK)	1–3, 5	100
111-02501	T25L	240	2.8	65	110	PA66HS	Natural (NA)	1–3, 5	100
111-02602	T25LL	330	2.8	95	110	PA66HS	Natural (NA)	1–3, 5	100
111-03049	T30R	150	3.5	35	135	PA66HS	Natural (NA)	1–3, 5	100
111-03050	T30R	150	3.5	35	135	PA66HS	Black (BK)	1–3, 5	100
111-03459	T30L	190	3.5	50	135	PA66HS	Natural (NA)	1–3, 5	100
111-03450	T30L	190	3.5	50	135	PA66HS	Black (BK)	1–3, 5	100
111-03569	T30LL	290	3.5	80	135	PA66HS	Natural (NA)	1–3, 5	100
111-00278	T30LL	290	3.5	80	135	PA66HS	Black (BK)	1–3, 5	100
111-04314	T40L	365	4.0	105	180	PA66HS	Black (BK)	1–5	100
111-05859	T50S	150	4.6	35	225	PA66HS	Natural (NA)	1–10	100
111-05850	T50S	150	4.6	35	225	PA66HS	Black (BK)	1–10	100
111-04882	T50R	200	4.6	50	225	PA66HS	Natural (NA)	1–10	100
111-04950	T50R	200	4.6	50	225	PA66HS	Black (BK)	1–10	100
111-06205	T50M	245	4.6	65	225	PA66HS	Natural (NA)	1–10	100
111-05259	T50I	300	4.6	85	225	PA66HS	Natural (NA)	1–10	100
117-05250	T50I	300	4.6	85	225	PA66HS	Black (BK)	1–10	100
111-05436	T50L	390	4.6	110	225	PA66HS	Natural (NA)	1–10	100
111-05435	T50L	390	4.6	110	225	PA66HS	Black (BK)	1–10	100
111-05059	T80R	210	4.7	55	355	PA66HS	Natural (NA)	1–10	100
111-08005	T80R	210	4.7	55	355	PA66HS	Black (BK)	1–10	100
111-08259	T80I	300	4.7	85	355	PA66HS	Natural (NA)	1–10	100
111-08250	T80I	300	4.7	85	355	PA66HS	Black (BK)	1–10	100
111-05459	T80L	390	4.7	110	355	PA66HS	Natural (NA)	1–10	100
111-12824	T120S	225	7.6	55	535	PA66HS	Natural (NA)	6–10	50
111-12850	T120S	225	7.6	55	535	PA66HS	Black (BK)	6–10	50
111-12059	T120R(E)	390	7.6	105	535	PA66HS	Natural (NA)	6–10	100
111-12050	T120R(E)	390	7.6	105	535	PA66HS	Black (BK)	6–10	100
111-00153	T120M	460	7.6	130	535	PA66HS	Black (BK)	6–10	100
111-12719	T120XM	600	7.6	175	535	PA66HS	Natural (NA)	6–10	50
111-12449	T120L	760	7.6	225	535	PA66HS	Natural (NA)	6–10	50
111-12440	T120L	760	7.6	225	535	PA66HS	Black (BK)	6–10	50

All Dimensions in mm. Subject to technical changes.

**For more information on HellermannTyton tools,
please turn to chapter Application Tools page 379.**



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

Application Tool	Registration Numbers
MK3SP	1
MK3PNSP2, MK7P	2
MK7	3
MK7HT	4
MK20	5
MK6	6
MK9P, MK6PN	7
MK9	8
MK9HT	9
MK21	10
Autotool 2000	11

For more information please turn to page 389.

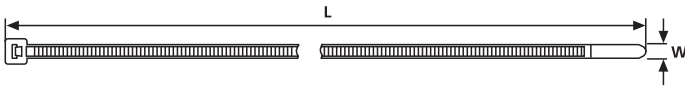
Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6. V0 rated									
111-91819	T18R	100	2.5	22	80	PA66V0	Natural (NA)	1–3, 5	100
111-02043	T18L	205	2.5	55	80	PA66V0	White (WH)	1–3, 5	1000
111-93019	T30R	150	3.5	35	135	PA66V0	White (WH)	1–3, 5	100
111-95019	T50R	200	4.6	50	225	PA66V0	Natural (NA)	1–10	100
111-00317	T50I	300	4.6	85	225	PA66V0	White (WH)	1–10	100
111-91210	T120R(E)	390	7.6	105	535	PA66V0	White (WH)	6–10	100
TEFZEL/ETFE									
111-01923	T18R(U)	100	2.5	22	40	E / TFE	Blue (BU)	1–3, 5	100
111-03016	T30R(U)	150	3.5	35	135	E / TFE	Blue (BU)	1–3, 5	100
111-05026	T50R(U)	200	4.6	50	158	E / TFE	Blue (BU)	1–10	100
111-12068	T50R(U)	200	4.6	50	158	E / TFE	Blue (BU)	1–10	100
Polyamide 4.6 High Temp.									
114-03379	T30R	150	3.5	35	135	PA46	Natural (NA)	1–3, 5	100
114-04979	T50R	200	4.6	50	225	PA46	Natural (NA)	1–10	100
111-05220	T50I	300	4.6	85	225	PA46	Natural (NA)	1–10	100
114-05779	T50L	390	4.6	110	225	PA46	Natural (NA)	1–10	100
111-00311	T120R	390	7.6	105	535	PA46	Natural (NA)	6–10	100
111-12401	T120L	760	7.6	225	535	PA46	Black (BK)	6–10	50
Polyamide 6.6 Colours									
111-01910	T18R	100	2.5	22	80	PA66	Black (BK)	1–3, 5	100
111-01816	T18R	100	2.5	22	80	PA66	Blue (BU)	1–3, 5	100
111-00479	T18R	100	2.5	22	80	PA66	Light Blue (BU)	1–3, 5	100
111-01810	T18R	100	2.5	22	80	PA66	Yellow (YE)	1–3, 5	200
111-00480	T18R	100	2.5	22	80	PA66	Dark Green (GN)	1–3, 5	100
111-01815	T18R	100	2.5	22	80	PA66	Green (GN)	1–3, 5	100
111-01818	T18R	100	2.5	22	80	PA66	Grey (GY)	1–3, 5	100
111-00481	T18R	100	2.5	22	80	PA66	Orange (OG)	1–3, 5	100
111-00266	T18R	100	2.5	22	80	PA66	Purple	1–3, 5	100
111-01812	T18R	100	2.5	22	80	PA66	Red (RD)	1–3, 5	100
111-01810	T18R	100	2.5	22	80	PA66	Yellow (YE)	1–3, 5	100

All Dimensions in mm. Subject to technical changes.



Please Note for Product Specific Approvals please refer to Chapter 7.3



T18S – T150XL

Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool	Pack Cont.
Polyamide 6.6 Colours									
111-03011	T30R	150	3.5	35	135	PA66	Black (BK)	1–3, 5	100
111-03008	T30R	150	3.5	35	135	PA66	Blue (BU)	1–3, 5	100
111-00482	T30R	150	3.5	35	135	PA66	Light Blue (BU)	1–3, 5	100
111-03025	T30R	150	3.5	35	135	PA66	Brown (BN)	1–3, 5	100
111-00483	T30R	150	3.5	35	135	PA66	Dark Green (GN)	1–3, 5	100
111-03014	T30R	150	3.5	35	135	PA66	Green (GN)	1–3, 5	100
111-03042	T30R	150	3.5	35	135	PA66	Grey (GY)	1–3, 5	100
111-03054	T30R	150	3.5	35	135	PA66	Orange (OG)	1–3, 5	100
111-00484	T30R	150	3.5	35	135	PA66	Purple	1–3, 5	100
111-03004	T30R	150	3.5	35	135	PA66	Red (RD)	1–3, 5	100
111-03006	T30R	150	3.5	35	135	PA66	Yellow (YE)	1–3, 5	100
111-05000	T50R	200	4.6	50	225	PA66	Black (BK)	1–10	100
111-04800	T50R	200	4.6	50	225	PA66	Blue (BU)	1–10	100
111-04813	T50R	200	4.6	50	225	PA66	Light Blue (BU)	1–10	100
111-04809	T50R	200	4.6	50	225	PA66	Brown (BN)	1–10	100
111-04806	T50R	200	4.6	50	225	PA66	Dark Green (GN)	1–10	100
111-04801	T50R	200	4.6	50	225	PA66	Green (GN)	1–10	100
111-04802	T50R	200	4.6	50	225	PA66	Grey (GY)	1–10	100
111-04803	T50R	200	4.6	50	225	PA66	Orange (OG)	1–10	100
111-04816	T50R	200	4.6	50	225	PA66	Purple	1–10	100
111-04804	T50R	200	4.6	50	225	PA66	Red (RD)	1–10	100
111-04805	T50R	200	4.6	50	225	PA66	Yellow (YE)	1–10	100
111-12010	T120R(E)	390	7.6	105	535	PA66	Black (BK)	6–10	100
111-12004	T120R(E)	390	7.6	105	535	PA66	Blue (BU)	6–10	100
111-00486	T120R(E)	390	7.6	105	535	PA66	Light Blue (BU)	6–10	100
111-00488	T120R(E)	390	7.6	105	535	PA66	Brown (BN)	6–10	100
111-00487	T120R(E)	390	7.6	105	535	PA66	Dark Green (GN)	6–10	100
111-12001	T120R(E)	390	7.6	105	535	PA66	Green (GN)	6–10	100
111-00489	T120R(E)	390	7.6	105	535	PA66	Grey (GY)	6–10	100
111-00285	T120R(E)	390	7.6	105	535	PA66	Orange (OG)	6–10	100
111-00485	T120R(E)	390	7.6	105	535	PA66	Purple	6–10	100
111-12002	T120R(E)	390	7.6	105	535	PA66	Red (RD)	6–10	100
111-12003	T120R(E)	390	7.6	105	535	PA66	Yellow (YE)	6–10	100

All Dimensions in mm. Subject to technical changes.



Please Note for Product Specific Approvals please refer to Chapter 7.3