

## CABLE TIE PART NUMBER SYSTEM

The following chart is meant to help you understand HellemanTyton's cable tie part numbering system. Not every cable tie type is available in every listed option. See cable tie part number charts or contact HellemanTyton for more information.

Example: T50L0C2

T	50	L		0		C	2
Type	Min. Tensile Strength (lbs.)	Length	Special Features	Color	Material	Packaging (per pkg.)	Bag Type
T = Standard tie	18	S = Short	SF = Push Mount Head	see	see	P = 10	2 or 4 =
RT = Releasable tie	20	R	DH = Double Head	bebw	bebw	S = 20	HellemanTyton
REL = Releasable tie	30	M	FL = Flag ID.			X = 25	in labeled bag
REZ = Pinch releasable tie	40	I	RD = Double Head ID.			K = 50	
FB = Ladder style tie	50	L	RT = Triple Head ID.			C = 100	
IT = Identification tie	60	LL	SM = Stud Mount			L = 200	
BT = Button head tie	120	XL	PS = Positive Stop			F = 250	
CTT = Clamp tie	150	XLL = Longest	MR			H = 500	
PE = Parallel entry tie	175		MR = Screw Mount Head			M = 1000	
LK = Outside serrated tie	250		ML				
GT = Grip tie							
MBT = Stainless steel tie							
DCT = Dual clamp tie							

## CABLE TIE COLORS

### Color Coding Standard

HellemanTyton complies with the Electronic Industries Association color coding standard which defines colors used in identification of electronic components and equipment and establishes a standard color-number relationship. The following is the color-number suffix for HellemanTyton part numbers and military standard part numbers.

Color/Material Coding			
Material	Color	Part No. Suffix	Mil. Spec. MS3367 MS3368 ASTM 4066
Nylon	Natural	9	9
	Black	0	-
	Brown	1	1
	Red	2	2
	Orange	3	3
	Yellow	4	4
	Green	5	5
	Blue	6	6
	Violet Purple	7	7
	Slate Gray	8	8
	White	10	-
Telco Gray	11	-	
Heat Stab. Black	0HS	-	
Heat Stab. Natural	9HS	-	
Flame Ret. Black	0V0	-	
Flame Ret. Natural	9V0	-	
Black 2% Carbon	0UV*	0	

Color/Material Coding		
Material	Color	Part No. Suffix
Nylon	High Impact Black	0HIR*
	Nylon 4/6 Brown	1STNL
	Nylon 4/6 Black	0STNL
	Nylon 12 Black	0N12*
Polypropylene	Black	0PP*
	Natural	9PP
Tefzel	Blue	6TZ
Halar	Natural	9HAL
	Red	2HAL

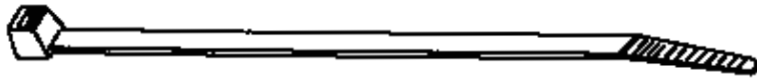
Availability of some colors is based on volume requirements. Fluorescent and other colors may also be available. All colored ties are subject to minimums, custom terms, and lead times. Contact HellemanTyton for more information.

\*UV has violet stabilized for outdoor applications.

## CABLE TIES

HellemannTyton offers many options of cable ties. Whether the application demands mounting, extra strength, releasable, identification features, or more, HellemannTyton has the cable tie to fit the requirement.

### Standard Cable Ties



U.S. Patent Numbers 3,127,648 – 3,486,201

Standard Ties							
HellemannTyton PartNo.	Gov. Designation	Min. Tensile Strength (lbs.)	Maximum Bundle Dia. In. (mm)	Approx. Length In. (mm)	Approx. Width In. (mm)	Pkg. Qty.	HellemannTyton Installation Tools
T18S9C2* T18S9M4*	MS3367-4	18	5/8" (15.9)	3-3/8" (85.7)	.08" (2.0)	100 1000	TW T1, MK3P, MK7, MK7P
T18R9C2* T18R9M4*	MS3367-4	18	3/4" (19.0)	4" (101.6)	.10" (2.5)	100 1000	
T18BC2** T18BM4**	MS3367-4	18	1-1/4" (31.8)	5-2/3" (143.9)	.10" (2.5)	100 1000	
T18L9C2** T18L9M4**	MS3367-4	18	2" (50.8)	8" (203.2)	.10" (2.5)	100 1000	
T30R9C2* T30R9M4*	MS3367-5	30	1-1/4" (31.8)	6" (152.4)	.14" (3.6)	100 1000	
T30M9C2 T30M9M4		30	2" (50.8)	8" (203.2)	.14" (3.6)	100 1000	TW T1, MK3P, MK7,
T30BC2 T30BM4		30	3" (76.2)	11-1/4" (285.8)	.15" (3.8)	100 1000	MK7P, MK9
T30L9C2 T30L9M4		30	4" (101.6)	14-1/4" (362)	.14" (3.6)	100 1000	
T40R9C2* T40R9M4*	MS3367-1	40	2" (50.8)	8-1/2" (215.9)	.15" (3.8)	100 1000	
T40BC2* T40BM4*	MS3367-7	40	3" (76.2)	11-1/2" (292.1)	.15" (3.8)	100 1000	
T40L9C2* T40L9M4*	MS3367-2	40	4" (101.6)	14-1/2" (368.3)	.15" (3.8)	100 1000	
T50S9C2 T50S9M4		50	1-1/4" (31.8)	6-1/2" (165.1)	.18" (4.6)	100 1000	
T50R9C2* T50R9M4*	MS3367-1	50	1-3/4" (44.5)	8" (203.2)	.18" (4.6)	100 100	TW T1, MK3P, MK6PN, MK7,
T50BC2* T50BM4*	MS3367-7	50	3" (76.2)	11-3/4" (298.5)	.18" (4.6)	100 100	MK7P, MK9
T50L9C2* T50L9M4*	MS3367-2	50	4" (101.6)	15-1/2" (393.7)	.18" (4.6)	100 1000	

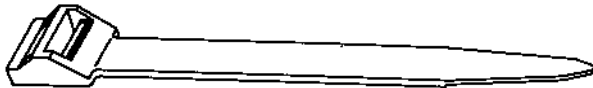
Ties listed above are natural. Black colored cable ties are also available in nearly every size. Insert a "0" instead of "9" in the part number. Example: T50R0C2 is a black T50R cable tie in a 100 pack. Other colors may be available. See color chart on page 10. Colored cable ties may be subject to minimums, custom terms, and lead times. \*AS23190E (from early MIL-S-23190E) (Type I Class 1) \*\*HellemannTyton QPL23190 listed as exceeding the tensile strength or length and meeting MS3367 (Type I Class 2)

### Heavy Duty Lashing Ties



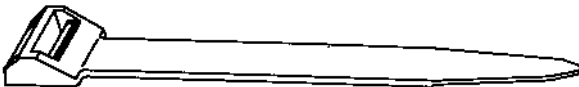
Heavy Duty Ties							
HellemanTyton PartNo.	Gov. Designation	Min. Tensile Strength (lbs.)	Maximum Bundle Dia. In. (mm)	Approx. Length In. (mm)	Approx. Width In. (mm)	Pkg. Qty.	HellemanTyton Installation Tools
T120S9K2 T120S9H4		120	2" (50.8)	8-7/8" (225.4)	30" (7.6)	50 500	TW T2, MK6PN, MK9
T120BK2 T120BH4		120	3" (76.2)	11-7/8" (301.6)	30" (7.6)	50 500	
T120R9K2* T120R9H4*	MS3367-3	120	4" (101.6)	15-1/4" (387.4)	30" (7.6)	50 500	
T120L9K2*	MS3367-6	120	8-3/4" (222.3)	29-3/4" (755.7)	30" (7.6)	50	
T150R9X2**	MS3367-3	175	4" (101.6)	15" (381.0)	35" (8.9)	25	TW T2, T150, T250, MK6PN, MK9
T150M9X2**	MS3367-3	175	6" (152.4)	21" (533.4)	35" (8.9)	25	
T150L9X2**	MS3367-6	175	9" (228.6)	32" (812.8)	35" (8.9)	25	
T150LL9X2		175	11" (279.4)	36" (914.4)	35" (8.9)	25	
T150XL9X2		175	13" (330.2)	43" (1092.2)	35" (8.9)	25	
T150XLL9X2		175	14" (355.6)	52" (1320.8)	35" (8.9)	25	

Ties listed above are natural. Black coated cable ties are also available in nearly every size. Insert a "0" instead of "9" in the partnum ber. Other colors may be available. See color chart on page 10. T150 Series available as releasable ties. When ordering, use HellemanTyton PartNo. RT150.  
 \*AS23190E (form erly M L-S-23190E) (Type I Class 1) \*\*HellemanTyton QPL23190 listed as exceeding the tensile strength or length and meeting MS3367 (Type I Class 2)



Heavy Duty T250 Series Ties						
HellemanTyton PartNo.*	Min. Tensile Strength (lbs.)	Maximum Bundle Dia. In. (mm)	Approx. Length In. (mm)	Approx. Width In. (mm)	Pkg. Qty.	HellemanTyton Installation Tools
T250S9X2	250	2" (50.8)	9" (228.6)	50" (12.7)	25	MK9, T250
T250R9X2	250	5" (127.0)	20" (508.0)	50" (12.7)	25	
T250M9X2	250	6" (152.4)	23" (584.2)	50" (12.7)	25	
T250BK2	250	8" (203.2)	29" (736.6)	50" (12.7)	25	
T250L9X2	250	10" (254.0)	35" (889.0)	50" (12.7)	25	
T250XL9X2	250	12" (304.8)	40" (1016.0)	50" (12.7)	25	

Ties listed above are natural. Black coated cable ties are also available in nearly every size. Insert a "0" instead of "9" in the partnum ber. Other colors may be available. See color chart on page 10. \*T250 Series available as releasable ties. When ordering, use HellemanTyton PartNo. RT250.



HellemanTyton's T255 series heavy duty cable ties are the perfect tie for use with the Heavy Duty Mounts (see page 46). Available in both releasable and standard versions, this adjustable tie can eliminate the need for various sizes of metal P-clamps when used with the Heavy Duty Mounts. Standard material is black high impact nylon 6/6, ideal for high vibration applications. T255 ties are similar to the T250 series, but with the buckle mount feature eliminated.

Heavy Duty T255 Series Ties						
HellemanTyton PartNo.	Minimum Tensile Strength (lbs.)	Max. Bundle Dia. In. (mm)	Approx. Length In. (mm)	Approx. Width In. (mm)	Pkg. Qty.	HellemanTyton Installation Tools
T255S0H1RX2	250	2" (50.8)	8.747" (222.17)	.492" (12.50)	25	MK9, T250
T255R0H1RX2	250	5" (127.0)	20.030" (508.77)	.492" (12.50)	25	
T255M0H1RX2	250	6" (152.4)	22.114" (561.70)	.492" (12.50)	25	

Ties listed above are natural. Black coated cable ties are also available in nearly every size. Insert a "0" instead of "9" in the partnum ber. Other colors may be available. See color chart on page 10. T255 Series available as releasable ties. When ordering, use HellemanTyton PartNo. RT255.