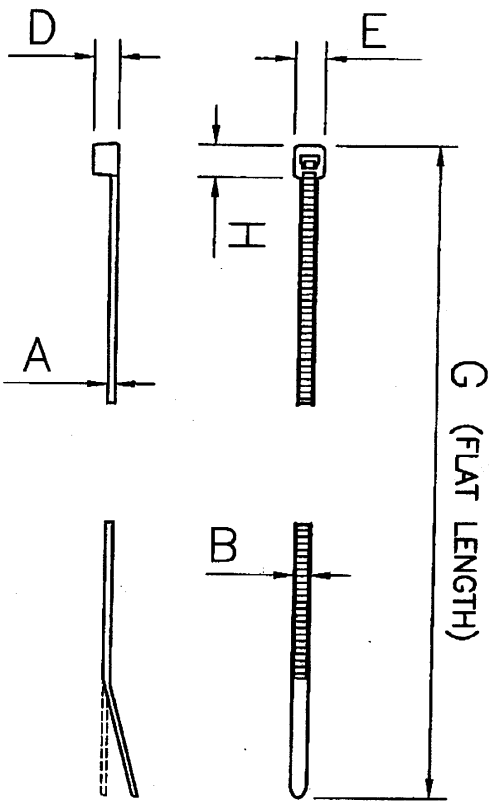


Revision level		Revision Record		Changed	Date	Approved	Date
Part	Drawing	01	UNIQUE NUMBERING SYSTEM COLUMN WAS GROUP ORDER No UNS ADDED BEFORE NUMBER.	ALOMAX	20/06/01	S.BENTICK	20/06/01
	02	(T18L) 1.5 to 50 WAS 1.5 to 55		ALOMAX	17/10/01	S.BENTICK	17/10/01



Unique Numbering System	Product Code	Cable Range (mm)	A	B	D	E	G	H
UNS 111-028	T18S	1.5 to 18	0.95 ± 0.2	2.3 ± 0.2	3.2 ± 0.3	4.2 ± 0.3	83.0 ± 5.0	4.5 ± 0.5
UNS 111-019	T18R	1.5 to 22	1.0 ± 0.2	2.45 ± 0.2	3.7 ± 0.3	4.45 ± 0.5	100.0 ± 5.0	4.8 ± 0.5
UNS 111-023	T18I	1.5 to 35	1.1 ± 0.1	2.5 ± 0.15	3.8 ± 0.5	4.5 ± 0.5	144.0 ± 6.0	4.8 ± 0.5
UNS 111-021	T18L	1.5 to 50	1.1 ± 0.1	2.5 ± 0.1	3.9 ± 0.5	4.5 ± 0.5	202.0 ± 5.0	4.8 ± 0.5

Material P.A. 66
 Dimension without tolerances details to:
 DIN 16901

ACAD
 The copyright of this drawing is reserved by HELFERMANN TYTON. It is issued on condition that it is not reproduced, copied or disclosed to a third party, either wholly or in part, without the consent of HELFERMANN TYTON.

Drawn: ALOMAX 4/02/00
 Approved: S.BENTICK 4/02/00

HellermannTyton
 Network Products Group
 Shearston Green Business Park,
 Manchester M22 4TY,
 Tel: 0161 945 4181
 Fax: 0161 947 2228

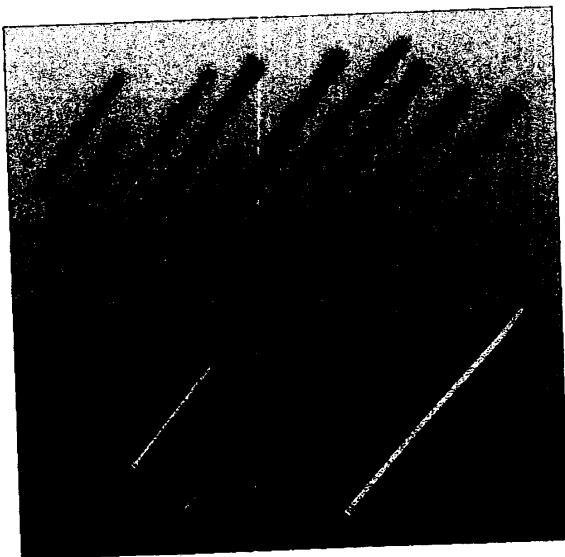
Scale 1:1
 Title T18 SERIES
 Drawing-No CD1218-02
 Format A4
 Sheet 1 of 1

Cable Ties, Bundling Systems

Material Guide

HellermannTyton

- Manufacture a full range of quality cable ties in a wide variety of materials, colours, styles and sizes
- Our cable ties are used in many other fastening applications and are engineered and manufactured for maximum performance and quality
- Whatever your application, please refer to the easy to use cable tie guide below for the correct material



Cable Tie Guide

Material	Order Suffix	Ultra Violet Resistant	Low Temperature	High Temperature	Flammability Rating (UL94)	Melting Point
Stainless Steel	N/A	V. Good	- 80°C	+ 538°C	VTM - V0 (Coating)	N/A
Hi-Temp Nylon 4.5	- HR	Poor	- 40°C	+ 135°C	V2	295°C
Heat stabilised Nylon 6.6	- HS	Low	- 40°C	+ 105°C	V2	265°C
Flame Retardant Nylon 6.6	- VO	Poor	40°C	+ 85°C	V0	265°C
Weather Resistant Nylon 6.6	- W	Good	- 40°C	+ 85°C	V2	265°C
Standard Nylon 6.6	N/A	Poor	- 40°C	+ 85°C	V2	265°C