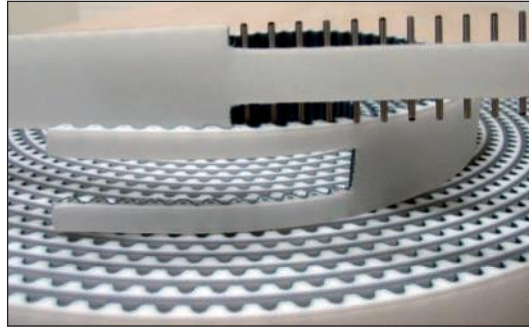


ELATECH® EMF - Mechanical Fastening System

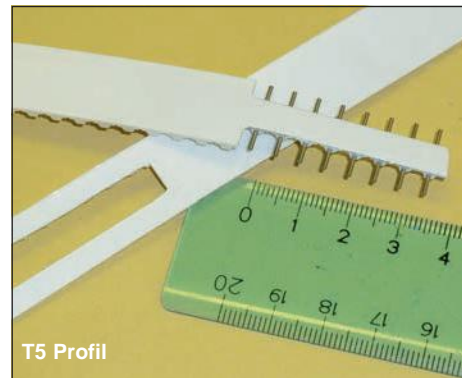
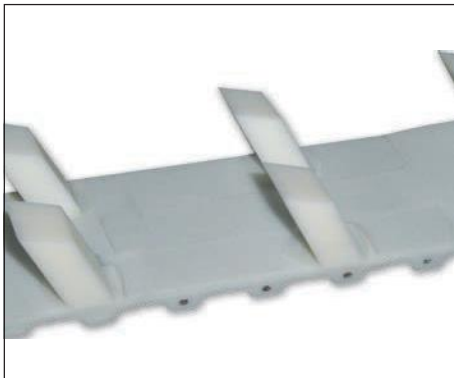
(patent pending)

ELATECH® EMF - Mechanical Fastening System allows in many conveying applications cost savings associated with being able to design equipment around the installation principle of EMF.



Features

- EMF has no exposed metal parts, therefore no metal contact is made with pulleys, so it runs very quiet. Since there are no exposed metal parts, EMF will not damage conveyed products like competing metal based mechanical fastening alternatives.
- EMF maintains the same minimum pulley requirements as the belt and can operate with back bend idlers.
- It is excellent for belt applications with special backings such as Linatex, Supergrip, PVC, Fishbone, etc. EMF fits snug, which eliminates gaps otherwise seen in competing designs.
- It is suitable for belts with profiles for quick installation, saving time and money.
- EMF installs in seconds, making it the fastest timing belt installation for product conveyance. There is no need for time-consuming field welding.
- It is simple to install and requires no cumbersome or expensive field welding equipment.
- It can be custom designed according to the application strength needed. EMF can reach the same strength as the traditional welding.
- It is available on all pitches, making it a "must have" for all of your customer's conveying applications.



ELATECH® EMF - Module

Profile	Width [mm]	Number of pins	Max working tension [N]
T 5	10	5	96
	16	5	144
		8	224
	20	5	176
		8	232
	25	5	176
		8	256
	32	5	304
		8	450
	50	5	360
		8	480
	T 10	16	4
12			640
20		4	240
		4	304
25		8	504
		11	680
		4	400
32		8	576
		12	880
		4	624
50		8	1120
		11	1480
		4	800
		8	1600
75		11	1760
		4	1040
		8	2000
		11	2280
T 20	25	4	536
		11	1600
	32	4	784
		6	1200
	50	4	960
		11	3040
75	4	1600	
	11	3560	
AT 5	10	5	144
		5	168
	16	8	240
		5	280
	20	8	320
		5	208
25	8	288	
	5	320	
AT 10	16	4	256
		12	960
	20	4	344
		4	384
	25	8	624
		11	904
		4	640
	32	8	800
		12	1200
		4	880
	50	8	1680
		11	2160
4		1040	
8		2320	
75	11	2640	
	4	1440	
	8	2720	
100	11	3440	

Profile	Width [mm]	Number of pins	Max working tension [N]
AT 20	25	4	800
		11	1760
	32	4	1200
		6	1520
	50	4	1600
		11	4400
75	4	1920	
	11	6080	
	10	5	120
HT 5	16	5	168
		8	240
	20	5	224
		8	296
	25	5	280
		8	376
	32	5	320
		5	480
	50	8	640
		4	728
	75	8	1096
		5	800
HT 8	15	5	256
		5	360
	20	5	376
		10	784
	25	14	960
		5	400
	30	11	960
		5	800
	50	10	1440
		14	2080
		5	1320
		10	2400
75	14	2880	
	9	2320	
	5	1760	
	10	3200	
100	14	3600	
	5	1120	
	5	1600	
	16	-	
85	5	2400	
HT 14	40	5	1120
	55	16	-

Profile	Width [mm]	Number of pins	Max working tension [N]
RP 5	10	5	120
		5	168
	16	8	240
		5	224
	20	8	296
		5	280
	25	8	376
		5	320
	32	5	480
		8	640
	50	4	728
		8	1096
75	5	800	
	8	1520	
RP 8	15	5	256
		5	360
	20	5	376
		10	784
	25	14	960
		5	400
	30	11	960
		5	800
	50	10	1440
		14	2080
	75	5	1320
		10	2400
85	14	2880	
	9	2320	
100	5	1760	
	10	3200	
14	14	3600	
	40	5	1120
RP 14	55	5	1600
		16	-
	85	5	2400

Profile	Width [mm]	Number of pins	Max working tension [N]
ST 5	10	5	120
		5	168
	16	8	240
		5	224
	20	8	296
		5	280
	25	8	376
		5	320
	32	5	480
		8	640
	50	4	728
		8	1096
75	5	800	
	8	1520	
ST 8	15	5	256
		5	360
	20	5	376
		10	784
	25	14	960
		5	400
	30	11	960
		5	800
	50	10	1440
		14	2080
	75	5	1320
		10	2400
85	14	2880	
	9	2320	
100	5	1760	
	10	3200	
14	14	3600	
	40	5	1120
ST 14	55	5	1600
		16	-
	85	5	2400
L	12,7	4	144
	19,05	5	256
	25,4	5	288
	38,1	5	480
	50,8	5	560
	76,2	5	1000
101,6	5	1200	
H	12,7	3	120
	19,05	4	240
	25,4	4	304
	38,1	4	520
	50,8	4	640
	76,2	4	880
101,6	4	1120	